YOUR GUIDE TO GREAT TERPS

THE BEST TASTING BUDS ON EARTH!

NICK DIAZ MMA SUPERSTAR INTERVIEW

CUP WINNING SUPER GARDENS

CHRISTIANIA DENMARK'S GREEN ZONE NEW! HOT POT EDIBLES

WAVVES GET HIGH

HIGHTIMES.COM

\$5.99US March 2016 0.3>

BC Bub Deput











COMING SOON.

A LOST LEGEND.

PINE TAR KUSH.

BC BUD DEPOT SEEDS AVAILABLE HERE:

- EVOLUTION MEDICAL SOLUTIONS 1012 SW MARINE DRIVE, VANCOUVER, BC
- * ATTITUDE SEED BANK UK
- JACKSON COMPASSION CLUB, JACKSON, MICHIGAN
- * THE HONEY SPOT -LOS ANGELES, CALIFORNIA
- * GTA SEEDBANK TORONTO, ONTARIO
- * THE LEMONADE STAND -KAMLOOPS, BC





ORDER SECURELY ONLINE, BY PHONE OR BY MAIL

*FREE SEEDS TO ALL CASH OR BLANK MONEY ORDERS!

GFS INDUSTRIES 108-800 KELLY ROAD, SUITE #471 VICTORIA, BC CANADA V9B 6J9













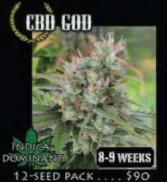






1-888-40-BCBUD

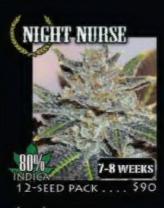
(1-888-40-22283)





















































THESE AND MANY MORE GREAT STRAINS AVAILABLE AT



www.CropKingSeeds.com

AVAILABLE ONLINE & SELECT RETAIL LOCATIONS 1844 - CROP KING (1844 276 7546)

LOCAL: (604) 563 0291

INTERNATIONAL: +1 (604) 563 0291



FEMINIZED - REGULAR - AUTO-FLOWERING - DWARF LOW FLYER

VISIT OUR WEBSITE FOR A WIDER SELECTION OF STRAINS FIND US ON: T





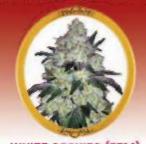








10 SEEDS / \$65.00 QTY: 5 SEEDS / \$35.00 OTY:



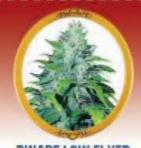
WHITE COOKIES (FEM) 10 SEEDS / \$110.00 QTY: 5 SEEDS / \$60.00 QTY:



10 SEEDS / \$95.00 QTY: 5 SEEDS / \$55.00 OTY:



CROWN ROYALE (FEM) 10 SEEDS / \$110.00 QTY: 5 SEEDS / \$60.00 QTY:



10 SEEDS / \$95.00 OTY: 5 SEEDS / \$55.00 OTY:

Strain(s):	
Name:	Email:
Address:	City:
Province / State:	Postal Code / Zip:
(ADD 040	OO CHIRDING FEED ODANIO TOTAL

(ADD \$10.00 SHIPPING FEE) GRAND TOTAL

basis in the sequence they are received by full payment.

Please allow up to 2 weeks for receiving your order as we assemble all orders on a "Made to order"

Mail your payment to:

CKS Trading Suite #642, 280 Nelson St. Vancouver, B.C. V6B 2F2 Canada

Make payment by cash or money order to:

CKS Trading



"Terps are the essential oils or primary building blocks of any plant resin, and they contribute a great deal to the scent, flavor and colors of the plant."

–The Best-Tasting Buds on Earth, page 46

- 8 Internet
- 10 Editor's Letter
- 12 Letters
- 14 Contact High
- 23 Highwitness News
 Ohio's failed legalization
 effort, High Five and the
 Global Drug War
- 33 High Style
- 34 Entertainment San Diego-based band
- Wavves & Reviews
- 40 THMQ 42 Gear
- 116 Cannabusiness
- 119 Dear Danko
- 126 Edibles
- 130 Ask Dr. Mitch
- 132 Dab Department 134 NORMLizer/FFOTM
- 136 Dope Rider
- 144 Pix of the Crop
- 148 Next Month
- 154 The Pot 40

46 The Best-Tasting Buds on Earth

Your favorite terps are revealed! Using lab-testing technology and data collected from our Cannabis Cup competitions, we examine which terpenes affect the taste and smell of our favorite buds. *By Nico Escondido*

63 Green Light District

It's the number-one tourist attraction in the Danish capital of Copenhagen. The commune of Freetown Christiania may have finally gotten the legal recognition it deserves—but what about the open-air hash sales on "Pusher Street"? *By Sirius J*

74 Flavor Country

Journey to the fields of Northern California, where you'll tour a state-of-the-art greenhouse custom-designed by Crockett Family Farms and DNA Genetics to house crops of Tangie plants in an ideal growing environment. *By Elise McDonough*

89 Michigan's March to Legalization

Medical marijuana was approved by 63 percent of the voters in Michigan, but the program has been under fire ever since. Activists, growers and med-pot patients want the madness to end, and they're taking bold new steps to make that happen. *By Dan Skye*

99 Hail to the Chew

The most successful edibles company in the cannabis industry is Cheeba Chews, which produces over 50,000 marijuana-infused candies every week. With recreational pot now booming in Colorado, Cheeba Chews' kitchen is operating at full throttle. *By Samantha Nicholas*

109 The High Times Interview: Nick Diaz

When MMA star Nick Diaz was suspended for five years and fined \$165,000 by the UFC after a positive pot test, the cannabis community rallied to his cause. Diaz tells his side of the story. *By Dan Skye*

HIGH END ACCESSORIES BY

MUSTER WINCE 2012



MYSTER OFFERS A
FULL LINE OF INNOVATIVE
HIGH-END ACCESSORIES



WWW.GETMYSTER.COM

HISE HIGHTIMES CODE AT CHECKOUT FOR A 10% DISCOUNT

FOR WHOLESALE ORDERS CALL 800.360.5675

HIGH TIMES .COM

Find all this and more at hightimes.com.



High on the Street

The great thing about High Times being based in New York City is that the entire world seems to come here at one time or another. So we've made it our task to talk to everybody! (Well, not everybody-but almost.) The High Times video crew now hits the street regularly to conduct "man on the street" interviews. Of course, our man on the street is actually a woman-the vivacious Allie Peck, who you can find in Times Square or Columbus Circle or Central Park posing questions about pot to anyone and everyone. Join Allie as she traverses the Big Apple in "High on the Street."

Glass Artist of the Month

In August 2000, PB Torcher began shaping glass in a small community shop, where several glass artists influenced his style. After 13 months, his skill with the torch flourished. Now, with 15 years of experience under his belt, Torcher's work embodies a massive range of genres for glass enthusiasts to admire.

"I have a passion for variety and detail," he says. "And I'm constantly reviewing my own techniques and processes in order to achieve the highest quality glass piece possible."



PB Torcher loves the macabre.

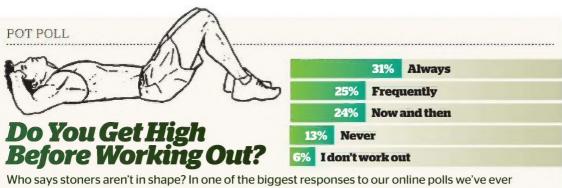
He says that his influences have a wide range, which are reflected in his work. He creates glass with beautiful color fades inside precise, classic designs that encompass horrific products of his imagination or God-like sculptures. TORCHer Glass is now showcased regularly at the CHAMPS trade show in Las Vegas and is available in hundreds of stores across the US and online (torcherglass.com).

It's clear he embodies his name. He says: "The definition of 'torcher' is 'one who travels to dark places with a torch, so we may broaden our surroundings and be open to new paths.' That's my path!"

Check out more of Torcher's work online!

Looking Back on 2015

Moving into the new year and looking ahead at the upcoming election season, we anticipate reaching many marijuana milestones in 2016. But last year was also full of (pun intended) highs that we'd be amiss not to reflect upon. We saw game-changing marijuana legislation introduced nationwide and watched drug offenders get released from prison. Cannabis is now more accepted by the general population than ever before. Countries are slowly changing their drug laws. We held the first-ever World Cannabis Cup in Jamaica. Sure, there were some lows as well, but overall, 2015 was a good year. Make sure to check out all of our online "Year in Review" coverage and "Best of 2015" galleries.



received, over 6,000 weighed in on whether working out on weed is wonderful. Guess what? A healthy 56 percent of you definitely like working up a sweat while stoned. Seems like there are a lot of fitness buffs out there. Look for a comprehensive "Fitness & Pot" feature in an upcoming issue!

Cast your vote in our latest poll online!



Hot Pot Photo Art

Over the years, editor-in-chief Dan Skye has made a habit of composing still life portraits of pot. Check out his online gallery of hot pot shots when Dan rolls out this clever, colorful homage to the herb!

The HT Newsletter

Wanna stay up-to-date with cannabis news updates and *High Times* event info? Then sign up for the *High Times* newsletter. It's free! Go to the *hightimes.com* homepage and subscribe now! Every week you'll get the latest on what's happening in our world—and yours!



Buds on the Ballot

Oh no! It's election season again! (Although it seems to have started months ago.) The Presidential primaries are now deciding the nominees for America's highest office. Stay up-to-date with us as we provide continuous substantive coverage of the 2016 election and what it means for legalization!

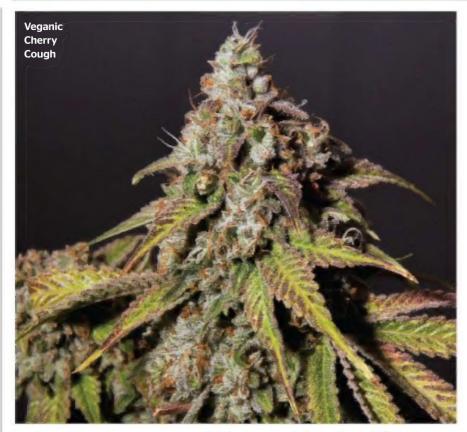
EARTH JUICE

www.EarthJuice.com



A Professional Hydroponic Plant Food Specifically Formulated for Use with Coconut Coir and Coir-Based Media





Tasty, Terpy & Totally Edible

Greetings, amigos!

Welcome to another epic edition of *High Times*, packed with the usual awesomeness of news, features, strains and, of course, glorious bud photography.

This month we're unveiling our newest feature, "The Best-Tasting Buds on Earth"—a guide that we hope will fast become an annual fixture with our readers. In today's terp-crazed cannabis world, the flavors of pot are nearly as important as its potency. Employing both sophisticated lab-test results and the Cannabis Cup's human analytics, this article is the first of its kind to compile strain-specific terpene profiles for some of the planet's tastiest lineages.

Also, given that some overly eager extract artists are beginning to adulterate their concentrates with non-cannabis-derived terpenes, it's more important than ever that we bring the focus back to the buds with the highest terp counts and thus the most intense and pleasing flavors and aromas, since there's no need to introduce foreign elements into our smoke. (After all, we don't want to see what happened to tobacco occurring with cannabis!) So as you read our guide to the world's best-tasting strains, remember to #KeepltPure, because cannabis has everything you need already in it!

Also, this month we're expanding our edibles coverage, as our resident ganja gourmet, Elise McDonough, delves deeper into the world of cannabis-infused foods. With the plethora of new pot products—both edibles and topicals, such as balms and salves—coming onto the market, cannabis consumers have more choices than ever before, as well as a greater need to understand how these items are made and how they work with our bodies. You can also find expanded coverage from Elise on *hightimes.com*, along with stories, blogs, and up-to-date stats and information from all of our editors and correspondents around the globe.

As always, we thank you for reading and supporting the cause as we continue to evolve into a fully legal cannabis industry. And remember to grow... and help the world grow, too!

Stay well, everyone!





EDITOR-IN-CHIEF Dan Skye

MANAGING EDITOR
Mike Gianakos

ART DIRECTOR Frank Max

SENIOR CULTIVATION EDITOR

Danny Danko

SENIOR EDITOR
Mike Hughes

CULTIVATION EDITOR AT LARGE
Nico Escondido

ENTERTAINMENT EDITOR Mary Jane Gibson

SCIENCE EDITOR
Sirius J

EDIBLES EDITOR
Elise McDonough

DESIGN DIRECTOR Roxanna Allen

GRAPHIC DESIGNER
Stephan Austin

COPY EDITORS
Rick Szykowny

Mike DiPaola

DIRECTOR OF
DIGITAL MEDIA
Zena Tsarfin

DIGITAL MEDIA EDITOR Emily Cegielski

VIDEO COORDINATORS Ursula Mann Joe Schaefer

CONTRIBUTORS

Paul Armentano, Carrie Doorhy, Mel Frank, Andre Grossmann, Brian Jahn, K of Trichome Tech, Lochfoot, Kevin Mahmalji, Mark Miller, Samantha Nicholas, Harry Resin, Michael Simmons, Allen St. Pierre

RESEARCH ADVISOR **Dr. Mitch Earleywine**

CHIEF OPERATING OFFICER
Michael Safir

ASSOCIATE PUBLISHER Richard Cusick

DIRECTOR OF ADVERTISING AND SPONSORSHIPS

Matt Stang

CIRCULATION DIRECTOR

Lori Khachadurian

ADVERTISING REPRESENTATIVE

John McCooe

ADVERTISING MANAGER

Ann Marie Dennis

COMPTROLLER
Jose A. Gallego

GENERAL COUNSEL
Cristina Buccola

DIRECTOR OF SOUTHWEST PROMOTIONS

Cathy Baker

CUP COMPETITION MANAGER
Craig Coffey

EVENT DIRECTOR

Amanda Younger

EVENT MANAGER
Cori Kidney

NATIONAL ADVERTISING OFFICE 250 West 57th Street

250 West 57th Street Suite 920 New York, NY 10107

TO ADVERTISE IN HIGH TIMES, CONTACT: Advertise@hightimes.com

FOR SUBSCRIPTIONS OUTSIDE THE US, CALL: (386) 597-4316

FOR SUBSCRIPTIONS IN THE US, CALL: (800) 827-0228

TO SELL HIGH TIMES EMAIL:sellht@hightimes.com

FOUNDING PUBLISHER/EDITOR **Thomas King Forçade** 1945-1978

TRANS HIGH CORPORATION

HIGH TIMES March 2016 No. 482 (ISSN 80362-630X), published monthly by Trans-High Corporation, 250 West 57th Street, Suite 920, New York, NY 10107 • HIGH TIMES and Trans-High Corporation do not recommend, approve or endorse the products and/or services offered by companies advertising in the magazine or website. Nor do HIGH TIMES and Trans-High Corporation evaluate the advertiser's claims in any way, You should use your own judgment and evaluate products and services carefully before deciding to purchase. Mail subscriptions (payable in US funds) and changes of address (please include most recent mailing label) to PO Box 422560 Palm Coast, FL 32142-2560 - Offices at 250 West 57th Street, New York, NY 10107 • Periodical postage paid at New York, NY, and at additional mailing offices • Manuscripts must be accompanied by a self-addressed stamped envelope • All contributions will be carefully considered, but the publishers and editors assume no responsibility for loss or injury to unsolicited material - Copyright © 2018 by Trans-High Corporation. Nothing in this publication may be reproduced in any manner, either in whole or in part, without specific written permission of the publisher. All rights reserved: "HIGH TIMES," "CANNABIS CUP," "MEDICAL CANNABIS CUP," "MISSHIGH TIMES," "PIX OFTHE CROP," "POTCAST" and "BONGHITTERS" are trademarks and registered trademarks of Trans-High Corporation. All advertising and advertised products void where prohibited. POSTMASTER: Please send address changes to HIGH TIMES, PO Box 422560 Palm Coast, FL 23142-2560.

PRINTED IN THE USA

Freedom to Grow What You Want

Start Today and Have Your First Sticky Harvest in 10-12 Weeks



The RoomMate

Big Grows in Small Spaces



The BloomBox

Two Chambers For Faster Cycles



The Producer

Flower 18 Potent Plants



Incredible Odor Control

Odor crushing carbon filters scrub the air and keep your grow a secret.



Bud Boosting CO, Dosing

Control pests and get bigger yields with built in CO, control



Easy-to-Use Automated Timing

One central timer controls all parts of your grow, lighting, watering and CO.



Hardcore Medical Grade Finish

Made to last, our grow boxes are built strong with powder coated aluminum.



Professional & Safe Wiring

Every BCNL grow box is a safe, reliable growing appliance.



Award Winning Quality & Yields

With 10 HIGH TIMES STASH Awards and counting we build boxes you can trust.

Maybe you want a cleaner, safer product. Maybe you want to save some cash by growing your own. Maybe you just want to be self sufficient. Or, maybe you take pride in your ability to grow a great crop.

Whatever your reasons, our grow boxes give you the freedom to grow what you want, when you want. And with 365-days-a-year telephone support from seasoned growers, you can be sure that each harvest is amazing.



"High Times" and "S.I.A.S.H. Awards" are registered trademarks of and used under license by Trans High Corp.

Find your growing freedom. Call us today to find out more:

1-888-236-1266

www.BCNORTHERNLIGHTS.com/hightimes

Connect at: fb.com/bcnorthernlights

Outdoor Advice

It's curious that outdoor growing doesn't seem to have evolved simultaneously with the cutting-edge indoor production techniques that can also apply outdoors. A predominance of outdoor growers shoot for-and boast about-multipound yields from gigantic 10-foot-tall bushes. Yet this old-school notion is very inefficient when you consider the square footage of the growing area. Moreover, only the upper canopy yields massively dense, high-quality nugs; the rest of the yield is typically mediocre—lots of impressive-looking plants that yield only marginally in terms of quality.

The ancients in Pakistan, Lebanon and along the Hindu Kush trail learned long ago about high-yield, high-quality production outdoors, and today's growers shouldn't change anything in that regard. Those fields looked like massive Sea of Green-style operations, and for good reason: The main cola is the highest-yielding and most potent part of every marijuana plant, so common sense tells you to maximize that focal point as much as possible for the best, most consistent results. Shorter plants are also easier to conceal behind fences and shrubs.

It's time to upgrade today's outdoor grows-this ain't the '70s anymore.

Scott Reach

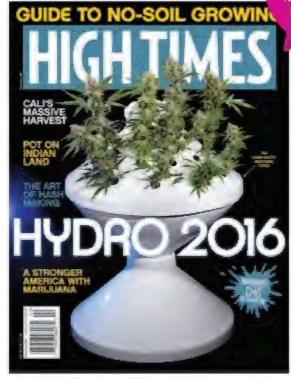
Owner of Rare Dankness in Colorado.

Drug-Test Injustice

I work for a company that doesn't require drug tests as a general rule. However, if you're injured on the job, you will be tested and held liable for your medical expenses if you test positive. Obviously, where I work, only a fool would come to work stoned: I'm a sous chef, and there are open flames, hot surfaces and sharp blades everywhere. However, if I'm not stoned, how can my marijuana use be a contributing factor? At work, I'm a complete professional; then I go home, smoke a bowl and maybe lift weights. How much danger does relaxing with a bowl of kind bud after work pose to myself or my performance on the job? None that I can see.

Roger B.

You're right that no one should be penalized for testing positive for cannabis use if they're not actually high on the job. But as far as what makes a "complete professional," thousands of people work high, and neither their performance nor their safety is impacted



"The ancients in Pakistan, Lebanon and along the Hindu Kush trail learned long ago about high-yield, high-quality production outdoors."

I've been working in the corporate world since 1989. Back then, I was told by everyone to drink pickle juice or take goldenseal if I got piss-tested before taking a job. That was back when it wasn't the norm-and it worked. Later, when pre-employment drug testing did become the norm, I was told to abstain from smoking for 30 days to pass the test. And that worked too.

At my last corporate job, I passed the pre-employment drug test. As I got to know the company culture, I found out that my employer required additional drug tests only when there was an accident or other problem.

In October, I was called into the HR office, where the administrator-along with my boss and the company's legal counsel-informed me that someone had sent them a video of me smoking marijuana out of a pipe. Though I didn't admit or deny anything, I was immediately taken to a third-party testing facility, where I was given a urine test and a hair-follicle test.

As a recreational marijuana smoker, I was dismayed at having to submit to the entire experience: After all, what negative effect did my pot use at home have on my performance as a marketing professional? I've been a marijuana smoker since I was 16; I'm now 49. It's part of

ligh Times, 250 West 57th St., Suite 920, New York, NY 10107 my life, who I am Email: hteditor@ and how I think. hightimes.com The urine test

end your letters to Feedback c/o

came back negative. (How, I don't know, as I'd smoked a joint with my husband three days prior.) The hair-follicle test, as I'd expected, came back positive. When the clinic clerk called me a week later, she asked: "Do you have a doctor's prescription for marijuana?"

"Of course not," I replied, since Missouri has no medical marijuana law.

"Okay, I will inform your employer," she said.

And I was terminated the next day. The unfortunate twist to this story is that my husband was the person who sent the video to my employer, in an effort to strike back at me after I filed for divorce.

Alas, sending a video to someone isn't a crime. It was my own bad for violating the company's zerotolerance drug policy, and even more for trusting my soon-to-beex-husband with my "indiscretion."

Corporate Cannabis Smoker

Majoring in Marijuana

I'm a senior at Southern Oregon University. I'm also a mother of three, a full-time student and a full-time caregiver who is currently researching the positive effects of cannabis on mental health. I'm one of the few students at SOU who has devoted her collegiate career to studying cannabis. After I graduate in June with my bachelor's degree in psychology, I want to earn a PhD with the end goal of developing a program that utilizes cannabis as a treatment for addiction. It's been a long road, but I won't give up. I hope to find continued support and knowledge through High Times, and possibly some opportunities for scholarships from individuals brave enough to value this research.

Thank you for keeping the cannabis community connected.

Kellie Donnelly

Good luck! Also, look for an article on addiction and harm reduction through cannabis use in an upcoming issue.

Correction: In the January issue, the photo of Nick Diaz was actually his brother Nate. We regret the error. Read our interview with Nick Diaz in this issue.





BIG BUDDHA'S SOLUTION OF THE WORLD



- PARENTS: CORILLA GLUE X
 CHEESE X WIDOW REVERSED
- GENETICS: FEMINISED HYBRID 75% INDICA 25% SATIVA
- SENSORY: HIGHLY PSYCHEDELIC, HAPPY FEELING
 - HEIGHT: INDOORS 1.2M 1.8M OUTDOORS 1.2M - 2.4M
- FLOWERING: INDOORS 8-11 WEEKS OUTDOORS END OF OCTOBER
- SMELL: FRUITY, SOUR, FIRE OG
 - TASTE SWEET AND SOUR
 CHOCOLATE KUSH
 WEIGHT: INDOORS 200-500 CRAMS
- WEIGHT: INDOORS 200-500 GRAMS OUTDOORS UPTO 1000 GRAMS

Available NOW from all good sellers of genuine genetics. www.bigbuddhaseeds.com

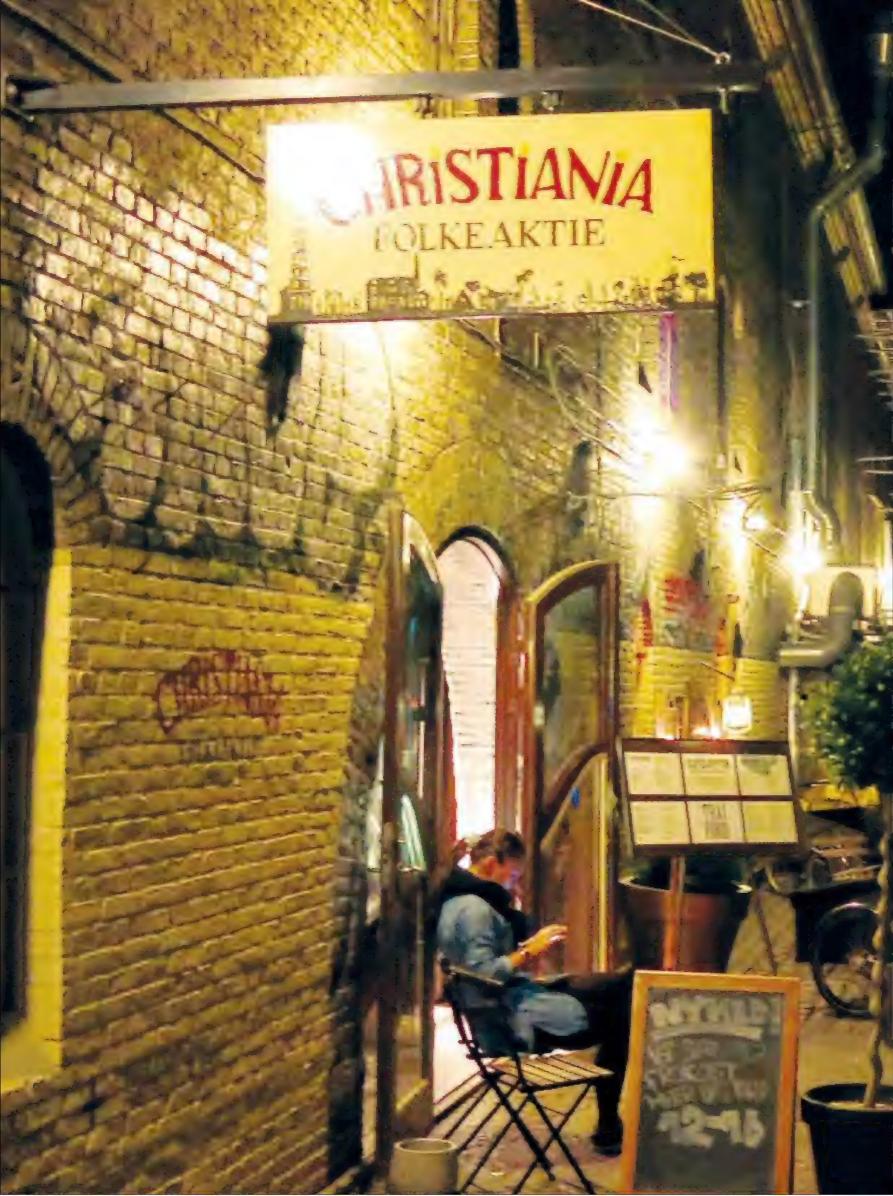
Warning! Section 6 of the misuse of drugs act 1971 UK: It is flegal to germinate cannishs seeds without appropriate licensing. Information provided here is for international countries that allow it. Big Buddha Seeds or its associates will accept no responsibility in this respect Please check your country's laws.















They live life to the beat of a different drummer, are sure of who they are and what they stand for.

They're the free and forward thinkers, innovators and creators whose ideas and words inspire, polarize, spark imaginations and powerfully connect.

They're rebels, outcasts, Davids in a world of Boliaths, that come from the least likely of places.

They tread where others fear to go, dislike conforming to the norm, and don't care much for the man or his machine because they truly embrace freedom.

It's hard to fool them because they have a clear perspective on the world and see things for what they really are.

They're fiercely aware of what's right and wrong, speak their minds and take no prisoners.

They look at life differently, society can't pigeon hole them or put them in box, and they see things where others don't.

Their ideas are sometimes out on the fringe, the ragged edge. They have to be, because they're open to the possibilities and realities that change the world.

Some see them as a fish out of water, trouble makers and oddballs. We see them as gifted, profound and uniquely brilliant.

Advanced Nutrients



EGROVIERS EUNDERGROUND

No-Holds Barred Advice and Unconventional Wisdom on Growing and Living One Hell of an Awesome Life



Growers Underground.com



Sustainable Hemp

Skaters embrace the zen of high fashion. p.33



Entertainment Wavves Get High

Hear from the super stony San Diegans. p.34





The Ohio Debacle

How ResponsibleOhio's cartel-style legalization effort was defeated by the people. By Jon Gettman

A proposal to legalize marijuana in Ohio, put forward by a would-be cartel of 10 financial backers of the bill who would have gained exclusive commercial-cultivation rights in the state, lost overwhelmingly on November 3, 2015.

The initiative, sponsored by a group calling itself ResponsibleOhio, was included on the ballot as Issue 3, a measure that "Grants a monopoly for the commercial production and sale of marijuana for recreational and medicinal purposes." Issue 3 managed to get just 1,122,386 "Yes" votes, or 35.9 percent of all votes cast; the "No" votes totaled 2,003,641, or 64.1 percent.

The initiative was supported by NORML on the grounds that, for better or worse, it legalized marijuana in the state, which has been the organization's prime concern. It was opposed by *High Times*, the Marijuana Policy Project, the Drug Policy Alliance and a significant portion of the legalization movement in the state.

A Quinnipiac University poll in August found that a whopping 84 percent of registered Ohio voters backed legalizing medical marijuana, while 52 percent approved legalizing small amounts for recreational use. Given that Issue 3 received slightly under 36 percent of the

vote, it's clear that many supporters of legalization either voted against the measure or didn't turn out to vote at all.

Most of the criticism of Issue 3 prior to the election involved the granting of exclusive cultivation rights to its financial backers, which was justified by organizers as necessary to raise the funds to pay for the ballot initiative in the first place. Many critics in favor of legalization opposed the measure because of its blatant greed. Opposition to Issue 3 should thus be viewed as one of the marijuana movement's most important decisions: a true demonstration of integrity.

Commentators within the movement and in the press agree on the reasons for the initiative's failure. The first and most obvious is ResponsibleOhio's proposed oligopoly over legal marijuana in the state, as well as its patronizing attitude toward the cannabis-law reform 24 Highwitness News
High Times March 2016

movement: It assumed unconditional support for a legalization measure regardless of its provisions. Second, ResponsibleOhio created a mascot named "Buddie," a cartoonish, life-size superhero plushy, to publicize the initiative to young adults and college students—inspiring comparisons to Joe Camel, a character representing the worst practices of the tobacco industry, and helping to inflame older voters' concerns. Third, the group decided to put the measure on the ballot in an off-year election, on the grounds that voters would not be distracted by other political debates.

The latter decision was devastating to the initiative's chances for success. Issue 3 received a total of 3,126,027 votes; compare that with the 5,633,246 votes cast in the 2012 presidential election in Ohio. In other words, a presidential election attracts about 70 percent of registered voters, while this off-year election attracted about 40 percent. Also, people who vote in off-year elections tend to be older and more conservative—but for a legalization initiative to win, it needs a strong turnout by younger and more liberal or libertarian voters.

As a result of this failed strategy, Issue 3 lost in every single county in the state. Consider Cuyahoga County, where

Fortunately, the marijuana community's successful opposition to Issue 3 demonstrates that the legalization movement is based on conviction and integrity—and that it's strongly opposed to creating monopolies and cartels.

Cleveland is located. In 2012, Barack Obama received 447,273 votes, compared with 190,660 for Mitt Romney. In 2015, Issue 3 received 188,434 "No" votes versus 123,493 "Yes" votes in Cuyahoga County.

It should also be noted that Issue 3 was based on the concept of artificial scarcity, a policy approach to legal cannabis pushed by many academics. It envisions a severely limited number of legal suppliers who would be able to inflate the retail price of marijuana to artificially high levels, which in turn would "serve" the public interest by discouraging use. The concept of artificial scarcity also proposes that having a limited number of suppliers would make them more compliant to regulation in exchange for their profitable market shares. Ironically, the supporters of this approach argue that it's the best way to avoid producing a "Big Marijuana" corporate behemoth similar to the limited cartel that controls the tobacco industry. They don't

seem to realize that this approach would actually *create* such a behemoth for marijuana production and sales, and that the political and financial power of this cartel would present the greatest challenge to meaningful regulation.

Fortunately, the marijuana community's successful opposition to Issue 3 demonstrates that the legalization movement is based on conviction and integrityand that it's strongly opposed to creating monopolies and cartels. If Issue 3 had won, it would have provided a model for crony-capitalist efforts at legalization in other states; encouraged political support for the concept of artificial scarcity; and harmed the efforts to produce free, open markets that allow greater access and participation in the newly emerging marijuana industry as well as lower prices for consumers. In other words, the defeat of ResponsibleOhio's Issue 3 was a victory for freedom, opportunity and the public interest.

HIGH FIVE

Bud Biz Boom

The cannabis industry is generating plenty of new economic opportunities. By Mark Miller



Packaging

With legal ganja heavily regulated by state governments to avoid accidents like unintended consumption by kids, proper packaging and labeling are imperative. Kush Bottles, for example, manufactures childresistant plastic pot containers, and Stink Sack makes odor-free opaque bags with childproof slide locks.



Real Estate

CBRE, the world's largest commercial realestate-services firm, reports that legal cannabis "kick-started the recovery of the industrial market in Denver," resulting in record-high rents and record-low vacancies. From 2009 to 2014, a third of all industrial space leased in Denver was for cultivation purposes.



Industrial Agriculture

Companies are producing cutting-edge agricultural technology, as in Washington. Innovative firms like Ambient Water have developed a process to capture moisture in the air and convert it into water for plants, while companies like Black Dog LED create products that generate the best light-spectrum emission at a lower cost.



Advertising & Consulting

According to a survey by the Marijuana Business Factbook, weed-related marketing, advertising and consulting companies are among the most heavily funded by investors. Misinformation and propaganda still need to be addressed. Marijuana advertising bolsters ad revenue for local weeklies and newspapers.



Security & Transportation

Because banks won't service cannabusinesses (as well as the possibility of robbery), high-level security and transportation of products and cash is a top priority. In Denver, Security Grade Protective Services employs veterans, who utilize their skills in the protection of cannabis.

Available at Colorado retail dispensaries now!

PURE —— (BD

80_{MG} TOTAL CBD

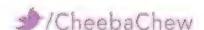
Chocolate taffy tastefully blended with high grade cannabis oil.



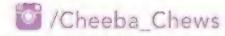


Focused, Trusted

CheebaChews.com



f/CheebaChews





America Is Going to Pot

In 2015, a record-tying percentage of Americans were in favor of legalizing marijuana—and more US residents are using pot than ever before.

A recent study published in the journal JAMA Psychiatry found that cannabis consumption among US adults doubled from 2001 to 2013, with nearly 10 percent toking nation-wide—more than 22 million users. The study analyzed the health surveys of nearly 80,000 adults conducted from 2001 to '02 and from 2012 to '13. Marijuana use increased among all age groups, but was most prevalent among the millennials, ages 18 to 29.

Americans now support legalizing cannabis in record numbers, with the most recent Gallup poll finding a remarkable 58 percent in favor of legalization. That ties the record set in 2013, before support dipped to 51 percent in 2014. The survey also revealed that only 40 percent of Americans feel that pot should remain criminalized, the second-lowest figure ever (the same group was at 39 percent in 2013).

Decrim in Ireland

Ireland will decriminalize small amounts of marijuana, heroin

and cocaine for personal use as part of what Aodhán Ó Ríordáin, the country's minister of national drugs strategy, described as a "radical cultural shift."

The goal of the decriminalization effort isn't to bring the spring-break crowd to Ireland. Instead, Ó Ríordáin seeks to change attitudes about drugs and addiction by focusing on treatment rather than punishment and by removing users from the criminaljustice system. He also announced that drug users will be able to use medically supervised injecting rooms in cities like Dublin starting next year.

Even so, the manufacture, sale and distribution of drugs will remain illegal in Ireland, and the quantities of illicit substances permitted for personal use under this progressive new policy have yet to be specified. WILL SMUGGLE DRUGS FOR CHEESE



In Brazil, even rodents get roped into the drug trade. Officials at the Barra da Grota prison in the northern city of Araguaina busted a mouse used to transport small packets of weed and coke from cell to cell, with the help of a hook attached to its tail.

One clever prisoner trained the mouse to tote the packets to the cell doors of his fellow inmates, who'd then snatch them up—until, that is, a guard noticed the tiny courier scurrying down a torridor trailing a baggie of buds.

The subsequent investigation turned up 29 packets of cannabis and 23 packets of cocaine. Prison officials are now reviewing security-camera footage to determine which ingenious inmate was behind the smuggling scheme. The mouse was eventually released outside the prison.



Stephen Colbert: Master Debater

Pot found a powerful proponent in the brilliant Stephen Colbert, who took Republican presidential hopeful John Kasich to task for his prohibitionist views during a recent episode of *The Late Show*. After bringing up Kasich's opposition to legalizing marijuana, Colbert asked, almost incredulously, "Why do you think we still need to keep pot illegal?"

Kasich responded with a standard prohibitionist talking point: "We have a huge drug crisis in this country." But Colbert pushed back, asking, "Is that really [because of] pot?"

Kasich explained that he's just thinking of the children: "We don't want to tell our kids, 'Don't do drugs—but by the way, this drug's okay."

To which Colbert deftly countered: "Isn't that what alcohol is?"

Perhaps the most telling moment came when Kasich admitted to smoking pot himself in the past. Colbert asked him whether he'd still be governor of Ohio if he'd been caught, and though Kasich laughed it off, the message was clear: Pot prohibition ruins lives. Hat tip to Colbert for not backing down.



Pols on Pot: Bernie vs. Hillary

Presidential hopeful Bernie Sanders took the lead on pot-law reform by introducing his Ending Federal Marijuana Prohibition Act of 2015 in the US Senate. The legislation would remove cannabis from the Controlled Substances

Act and the DEA's list of most dangerous drugs. Although the law wouldn't legalize pot nationwide, it would allow states to do so without fear of federal reprisal. Sanders's legislation would also allow banks to legally conduct financial transactions with cannabusinesses. On his website, the Vermont senator acknowledged Colorado Representative Jared Polis's Regulate Marijuana Like Alcohol Act as the inspiration for his bill.

While Sanders is attacking prohibition at its roots, fellow Democratic candidate Hillary Clinton has so far proposed weak half-measures, such as reclassifying pot from Schedule I to Schedule II. While that would allow cannabis to be used as medicine and in scientific research, the proposal falls woefully short of the genuine reform offered by Bernie's bill.



GROW GREEN with G8LED™ Technology

GRIED

Full Spectrum Grow Lights for Healthy Growth & Maximum Yield



G8-450 Veg / Flower

Coverage 12+ Sq. Feet 110 / 240V - 2.2/1.0Amp \$599



G8-240 Veg / Flower

Coverage 6+ Sq. Feet 110 / 240V - 1.2/0.7Amp

\$309



G8-600 Veg / Flower

G8-900 Veg / Flower

Coverage 24+ Sq. Feet

110 / 240V - 4.4/2.0Amp

Coverage 18+ Sq. Feet 110 / 240V - 3.3/1.6Amp \$899

\$1099

G8-90RR Red

Flower Booster

\$159



call for catalog 888-771-GROW www.DormGrow.com

Optimal 8-Band™ with UV & IR

Colombia Legalizes Medical Cannabis

Colombia, the South American nation long associated with cocaine trafficking and high-quality outdoor weed, has announced plans to legalize cannabis for medical and scientific purposes.

President Juan Manuel Santos confirmed that he would sign an executive decree authorizing a regulated medical marijuana program in the country—everything from cultivation, licensing, and sales to the eventual export of medi-pot products to other nations where their use is legal, such as Canada. The scientific-research provision is a key component of the decree, since it will expand the understanding and utilization of cannabinoids in treating disease; meanwhile, allowing medicinal use will benefit, among others, the estimated 400,000 Colombians suffering from epilepsy.

Under current law, Colombians are allowed to possess small amounts of *any* narcotic for personal use, but those court rulings have never been officially sanctioned by the federal government.

Illinois Begins Sales of MMJ after Two Year Wait

Illinois has implemented its longdelayed medical pot program in earnest, with the first legal sales taking place on November 9, 2015more than two years after lawmakers approved the plant for medicinal use. Despite the lengthy wait, patients in Illinois are thrilled to finally have legal access to cannabis medicine. Nineteen-year-old Chris Favela, who suffers from multiple sclerosis, was one of the first to purchase state-sanctioned marijuana in Illinois. Although the prices are high-nine grams run \$180 at the EarthMed dispensary in Addison-Favela is happy for the relief. "[Cannabis] soothes the muscle stiffness and makes you feel a lot better," he explained.

Only six of the 60 dispensaries planned for the state were open for the first day of legal sales, and there are no pot shops operating in Chicago, where the first dispensaries are expected to open in early 2016. To date, Illinois has registered just 3,300 patients statewide.

MARIJUANA FOR METABOLISM



A new study published in the American Journal of Medicine suggests that current consumers of cannabis are 54 percent less likely to suffer metabolic syndrome-a cluster of conditions that increase the risk of deadly heart disease, stroke and diabetes-compared to those who have never used pot.

Researchers at the University of Miami School of Medicine, analyzing the responses of people ages 20 to 59 in the 2005 to 2010 National Health and Nutritional **Examination Sur**veys, discovered that less than 14 percent of current pot smokers met the criteria for metabolic syndrome, while nearly 20 percent of those who never used weed were candidates for it. Pot smokers also had lower fasting glucose levels and smaller waist circumferences compared to non-tokers. So light up and live longer!



Croc Block

Indonesia is really serious about drugs—or at least about scaring the crap out of drug users. The country's latest extreme measure against offenders? Using friggin' crocodiles to guard an island prison holding people sentenced to death on drug convictions.

The man behind the death-row croc-prison-guard scheme is none other than National Narcotics Agency chief Budi Waseso, who seems to take a sadistic joy in the idea, telling reporters: "We will place as many crocodiles as we can there. I will search for the most ferocious type of crocodile."

Waseso's rationale for using crocodiles is that, unlike corruptible human guards, the deadly reptiles can't be bribed. Oh, and just in case anyone thought he was joking, Waseso later confirmed that not only does he intend to fill the prison's moat with up to 1,000 crocodiles, but he's also considering placing tigers outside the grounds and stocking the waters surrounding the island with flesh-eating piranhas.

Just say no... to going to Indonesia.

Pot Pays for Higher Education

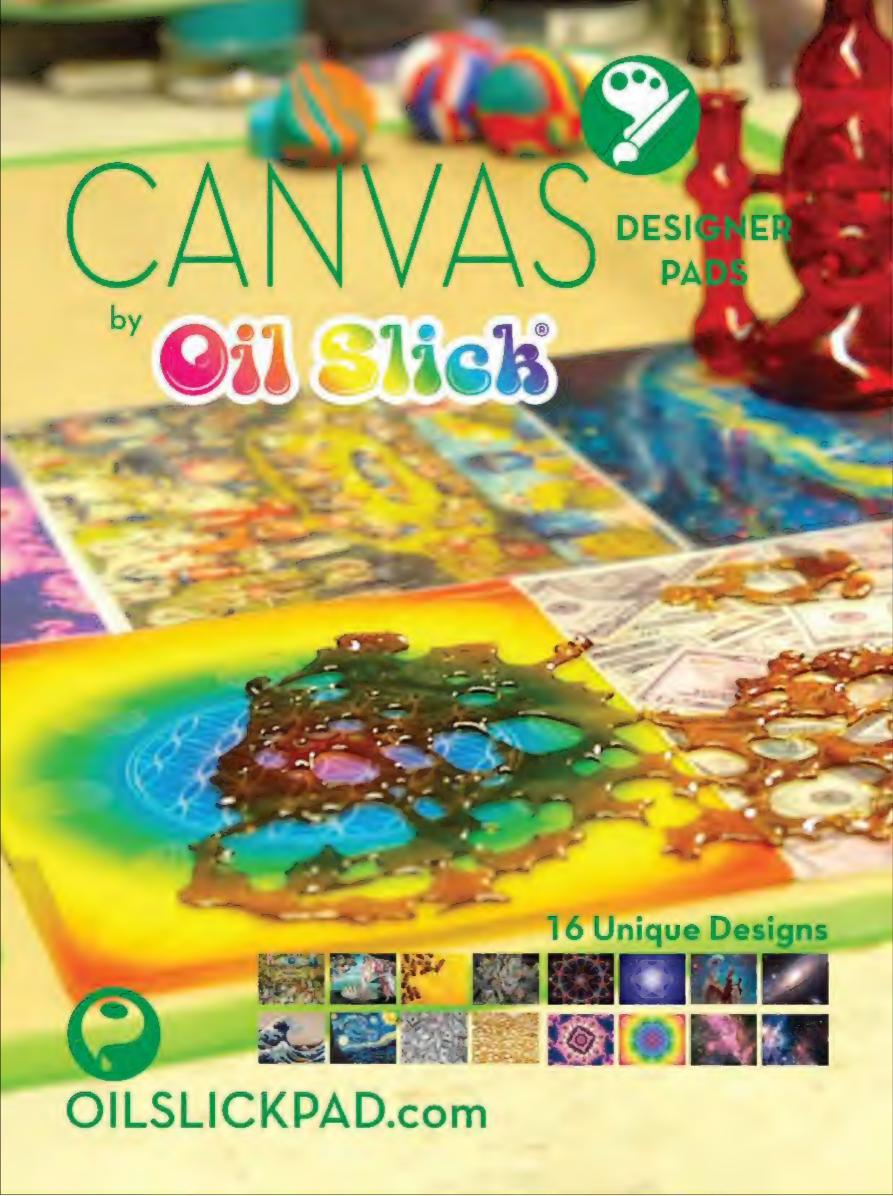
The cultural and societal benefits of legal cannabis are profound. And now, thanks to voters in Pueblo, Colorado, legal pot is contributing to higher education.

The residents of Pueblo approved a historically unprecedented ballot measure that would provide a college scholarship to all high-school graduates from the city or county of Pueblo beginning in 2017. The initiative passed resoundingly, with 60 percent of the vote, and proposes a 5 percent excise tax on commercial cannabis cultivation in Pueblo County. At least 50 percent of that revenue would then be placed in a cash fund for scholarships, which would allow new



high-school graduates to attend any public college or university in the county.

The remaining excise money is earmarked for a number of exciting projects, including an innovative Medical Marijuana Academic Research grant. Depending on the revenue raised, the program could be expanded after 2017.



HIGHWIRE

Dispatches from the international drug war. By Bill Weinberg

Mexican Protesters Mobilize on Massacre Anniversary

On September 26-the

first anniversary of the disappearance of 43 students in Mexico's southern state of Guerrero-thousands of protesters filled the streets of Mexico City. The march, led by parents of the missing students, made its way from Los Pinos, the presidential residence, to the Zócalo, the capital's massive central square. Protests were also held in Iguala, Guerrero, where the 43 students from a teachers' college in nearby Ayotzinapa were abducted. Demonstrators carried placards that read "Ni un desaparecido más, ni un muerto más-iiFuera Peña Nieto!!" ("Not one more disappearance, not one more death-Out with Peña Nieto!!"), reflecting the growing pressure that the case has put on President Enrique Peña Nieto. To date, 110 members of the Guerreros Unidos narco gang-named by the government as responsible for the mass abduction-have been arrested, although none have been convicted. The government claims that the students were massacred by the gang and that two sets of remains have been identified. But survivors, activists and human-rights observers say the official story doesn't hold water.

Erika Guevara-Rosas, the Americas director at Amnesty International, wrote on the occasion of the anniversary that the students' kidnapping and likely murder are "Peña Nieto's ultimate



Torture on Indonesia's Death Row

Amnesty International on October 15 released a report charging that death-row inmates in Indonesia are routinely beaten and coerced into confessions and then denied the right to counsel. The report noted that President Joko Widodo's government had executed 14 prisoners since he took office a year earlier—all of them for drug charges. According to the report, titled "Flawed Justice," in half of the 12 cases that Amnesty analyzed, prisoners insisted that their "confessions" were extracted by torture. One Pakistani man, Zulfiqar Ali, was held incommunicado at a private house for three days as the police brutalized him. He was beaten so badly that he required kidney and stomach surgery—but his confession was still used in court, and no independent investigation into the heroin charge against him was carried out. Amnesty urged Indonesia to impose a moratorium on the death penalty and to create an independent body to review the death-row cases.

The Widodo administration, however, remains intransigent. In April, Indonesia executed eight drug convicts by firing squad, including two Australians who were part of the famous "Bali Nine."

test... The tragedy has revealed a human rights crisis of epic proportions, with nearly 30,000 men, women and children disappeared or missing in the last few years alone."

Peña Nieto took the occasion to announce the appointment of a special prosecutor to investigate the Iguala disappearances, several days after meeting with the missing students' families. "We are on the same side, we want the same thing: to know what happened to each of their children," Peña Nieto tweeted. But the grim anniversary also came days after the UN Working Group on Enforced or Involuntary Disappearances issued a statement urging countries to increase their efforts to account for

disappeared persons and singled out Mexico for special mention.

For all his recent activity in the case, Peña Nieto seems determined to place the blame on the local narco gang—thereby treating the Iguala disappearances as an isolated case rather than one particularly ghastly manifestation of a systemic human-rights crisis in Mexico.

Cover-Up Claimed in El Chapo Escape

The Mexican interior ministry, known as Gobernación, was accused by a Mexican Senate committee on September 15 of suppressing evidence pointing to official complicity in the July escape of Sinaloa Cartel kingpin Joaquín

Guzmán Loera, a.k.a. "El Chapo," who for over a decade was the country's most-wanted man. Senator Alejandro Encinas, who heads the Senate National Security Committee, asserted that Gobernación had denied him access to security-video footage taken in Guzmán's cell, which is said to contain "drilling sounds" in the background-indicating that prison authorities ignored construction work on the tunnel through which El Chapo escaped. "The video exists, and it is crucial in order to identify the extent of complicity in El Chapo's escape," Encinas told the EFE news agency. "Just the fact that the sound of a drill can be heard [on the recording] implies complicity on several levels."

Encinas said that

Gobernación concealed the existence of the video from him on two occasions-first when a delegation visited Altiplano prison three days after El Chapo's escape, and then in a high-level meeting with government officials, including Gobernación chief Miguel Angel Osorio Chong. Portions of the video, which was shot just before the escape, were shown at a press conference two days after El Chapo flew the coop, but authorities said that the tape contained nothing unusual. Then, in early August, the news magazine Proceso revealed the existence of unseen footage, citing an internal report by the office of the Prosecutor General of the Republic. Proceso wrote that "the banging of metal against concrete can be heard in Guzmán Loera's cell during several minutes before he disappears from the security camera shot." Encinas has demanded that his committee be allowed access to the full recording, which was made by the Center for Investigation and National Security (CISEN), Mexico's answer to the CIA. He also points to CISEN, the National Penitentiary System and the National Security Commission as answerable in the cover-up. charging: "They were evidently complicit in permitting this escape." *

For updates on these and other stories, see Bill Weinberg's websites, GlobalGanjaReport.com and WorldWar4Report.com.



SOURCE YOUR WINNERS TODAY Hand Selected Multiple Award Winning DNA Genetics Cannabis Seeds



DOUBLE ALIEN 18



AUTO EL FUEGO



FLORIDA GOLD



FLORIDA LEMONS



FLORIDA OG



CROCKETT'S DAWG



CROCKETT'S HAZE



GOLDEN LEMONS



SOUR BANANA SHERBET



DI'S GOLD



THE RESULTS ARE IN

Alternative Lifestyle Systems is the Number One Highest Quality Synthetic Urine in the World

WE ARE THE WORLDS MOST TRUSTED SYNTHETIC URINE BRAND FOR OVER 15 YEARS
Our synthetic urine contains Uric Acid and is Biocide Free!



The **FIRST** touch-and-go synthetic unrine system by ALS.

MOST REALISTIC
PROSTHETIC ON THE MARKET!

THE WHIZZ KIT



WHIZZINATOR TOUCH

WORLD PRIVIOUS



THE GOLDEN FLASK

THE STANDARD FUR SYNTHETIC URINE



HIGHEST RATED SYNTHETICS . GET OVERNIGHT SHIPPING! . CREDIT CARDS ACCEPTED

THEWHIZZINATOR.COM











This product is not intended for any illegal purpose. Nor is it to be used to defeat lawfully administered drug tests.

March 2.16 High Times High Style:



Sustainable Hemp, Skater Style

In Zen Buddhism, satori is the word for "awakening." In the 1990s, a group of lifelong friends and skateboarders decided to create a skate company informed by a similarly enlightened ethos—a "positive, spiritual, organic-lifestyle aspect," says Craig Nejedly, one of the original founders—and so Satori Movement was born.

These days, Satori Movement uses hemp in nearly all of its products—along with organic cotton, bamboo rayon and recycled PET—but the company's concept of *satori* goes beyond sustainable materials. From the recycled boxes for shipping to the double-sided recycling paper for office use, Satori Movement has designed its business to minimize both costs and carbon footprint. "Kind of an overall strategy," Craig says, "which is also good for the bottom line, because you're producing efficiencies. So, kind of a strategy to be better on the Earth and better on the budget."

With its plans for global expansion, the

broadening of its product line and a family of equally conscious subsidiaries, Satori represents the growing number of companies that could have a direct and positive impact on the US economy with the legalization of hemp. "It's funny how cannabis became legal before hemp," Craig muses. "It's cool—but we're hoping hemp can follow right behind, and then we'll be able to get hemp products made in the USA. That's our business goal. Right now, we're forced to deal with China, because they're really the only place producing quality hemp fabric."

Not surprisingly, Satori Movement's founders are down with the psychoactive version of the plant as well. "In the skateboard industry," Craig notes, "we're known as the 'stoner brand.' That used to be a faux pas, but now everyone's putting the leaf on things and jumping on the green wagon—which is great! People using good products and using cannabis... one of the best plants on planet Earth." Mary Ought Six

Visit satorimovement.com for clothing, skateboards, accessories and more.



sPOTLIGHT

EVAK Containers

Air takes the freshness out of your buds-so EVAK takes out the air. The world's only glass storage container that also automatically removes air, EVAK containers feature a twin-valve airflow system that's received four international design awards. Only high-quality borosilicate glass and stainless steel ever touch your buds, with no switches, levers, clips or straps to complicate things. EVAK containers offer the ultimate in cannabis storage: You'll love the way your buds look when they're vac-sealed in the glass cylinders-as well as the way they stay divinely fresh. A beautiful addition to any cannabis lover's cabinet. Available in 6, 16, 24 or 46 oz, \$9.99 to \$24.99, at vapeworld.com.



CBD Nibbles for Your Furry Friends

Benny's Healthy Hemp CBD Treats are handcrafted to support the health and wellness of your dog. Infused with a full-spectrum hempoil extract containing everything that occurs naturally in the plant, these unique dietary supplements offer "only the best for man's best friend." The Sweet Nibbles CBD Treats were created in honor of Benny, a Jack Russell/Chihuahua rescue from the Humane Society in Boulder, Colorado, who now lives at Your CBD Source. Company founder Frank Registrato describes the dog-treat brand as being "all about motion and movement... youthfulness in mind, body and spirit. Benny stands up for being small by living large and traveling wide."

The CBD treats interact naturally with a dog's immune and nervous systems. Dogs experiencing their effects may behave more confidently, feel more relaxed and be healthier overall. As *yourcbdsource.com* notes, "Cannabidiol (CBD) has been linked with prolonged lifespan, reduced anxiety and an overall improvement in the life of your pet." *Visit yourcbdsource.com*.



WavvVvves

The San Diego-based band fearlessly traffics in beauty and guilt, while ringed in an exquisite wilderness of noise. *By Josh Chambers*

At the climax of a blistering performance at New York City's Irving Plaza, Nathan Williams of Wavves has scaled the ramparts of the theater and is perched precariously on the railing of the second-floor balcony. His guitar quivers, discarded on the stage, squealing like a chained dog pining for its master. Williams pauses for a moment, towering high above the ocean of outstretched palms, and then, in a moment of terrifying grace, executes a perfect front flip into the void. For a split second, the collective breath of the crowd is drawn and bound. He drops into the breathless air and lands perfectly-floating on the gentle swell of 1,000

supporting hands.

This, of course, is a living, kinetic, real-time metaphor for the relationship between Williams and those who love his music-those who entered Wavves by parting the fogged thickets and passing through the fields of distortion and honevsuckle that marked their first two albums; who stayed with them through multiple band changes, Rx contraindications, famous pets and notable romances; and who would eventually behold the glory, depth and confidence of albums like King of the Beach, Life Sux, Afraid of Heights and now, the majestic V.

Six days prior to their Irving Plaza show, Williams and bandmate Stephen Pope meet up with *High Times* amidst the keyholes, jigs, joints and alloys that attend a private HT clubhouse/blacksmith forge. The two arrive 20 minutes early, seemingly due to the tenacity of their road manager, Dayn Reardon. The lovely and subversive blacksmith/artist Rebekah Harris—who, incidentally, creates the Cannabis Cup trophies—is hosting this heady summit, clad in a leather apron

ally throwing out references to Aleister Crowley, Throbbing Gristle and Jack "Whiteside" Parsons's infamous sex-magick orgies.

It's the perfect environment in which to meet Wavves: intimately creative, genuinely magnetic and potentially sorcerous. Williams and Pope are totally spent from the previous night's gig, but they manage to exude kindness, generosity and respect nonetheless in their abundant handshakes. "please" and "thank you"type manners, and, finally, in sitting close together on the studio's tiny couch, in a miniature duet of intimate



The Pope of Goats

might change his life: "Not having to drink domestic beer would be very nice. I don't see anything wrong with that. Maybe get a few goats. Get some cheese. They can just squirt the cheese right up here."





COMING SOON

··• Hpring 2016 •••

www.brothersgrimmseeds.com







humor—all of which suggest that the innocence that characterizes their five heavenly, noisy records comes from a place of sincerity and a sense of fervent brotherhood.

"You can't really do this at this point unless you're friends," Williams observes. "I lot of our friends that are in other bands all hate other—which just seems horrible."

Williams and Pope seem particularly close, doing inte views in tandem, and that bond reveals itself in their live shows, with Pope transubstantiating from his swee quiet, warm persona to a rag ing, ravaging, bullish bass vi tuoso. Onstage, the two seem to be pushing each other to the very edges of the musicmaking the songs into big physical statements from the etchings and blueprints of the recordings. They achieve scale through sonic audacity and pull visual focus fron the movement of their bodies. Their choreography is no conscious; it's not schematic or formal or governed by cor cept or aesthetic ideology. It is wild, primal and possessiv and it owns them completely

Back at HTHQ, the photog rapher is looking for prime points of vantage and, upon spotting the roof, asks: "Are you guys afraid of heights?" A question they've no doubt been asked many times, given that Afraid of Heights was their last and heretofore greatest album. They are, however, fearless-and, in short order, are ripping bong hits and toking joints of Berry White and Green Crack non-stop throughout the hour-long photo shoot and subsequent video interview, making them possibly the two highest musicians ever to be interviewed by this magazine.

Both Williams and Pope, even when somewhat obligated to get high as fuck for the duration of an entire photo shoot, seem to navigate their buzz pretty fucking well. Lately, they're light



"The truth is that I've done a lot of drugs, but I don't like doing them anymore. I like to smoke weed and record music—it goes hand in hand."

on hard drugs and alcohol, but the band behind "Weed Demon" and Weed Demon Inc. (the copyright holder of their songs) smoke the reefer "hourly." As Williams puts it, "We like weed. The truth is that I've done a lot of drugs, but I don't like doing them anymore. I like to smoke weed and record music—it goes hand in hand. I'd rather be stoned in the studio."

Of course, it's at those

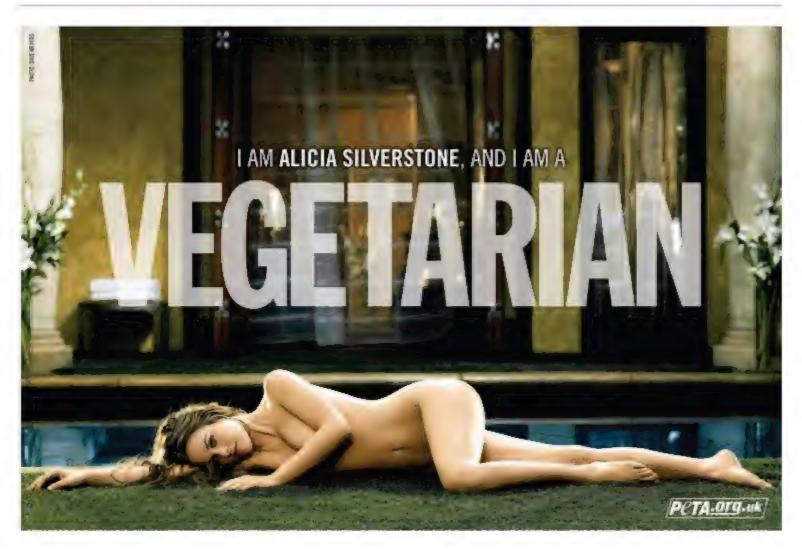
moments when you expect rampage and wreckage from a notoriously rowdy band that you get politeness, balance, humility and answers that come in full paragraphs. Which, in turn, leaves you completely unprepared for what it's like to catch them in action from a bird's-eye view before a capacity crowd days later, their chaotically devoted masses conjuring an energy reminiscent of the titanic early shows by Guided by Voices, Dinosaur Jr. and The Pixies.

"We're not famous by any means," Williams demurs. "We live pretty normal lives."

Wavves may consider themselves a group of normal guys, but they have an extraordinary advantage over most artists who find themselves in the throes of evolution. From

the very beginning, they have identified where this music comes from, what it means at its simplest, loveliest and most emotional. They have wisely returned to that formidable core of sound and confession in recording after recording-always developing, and yet always putting the right bucket in the best well. Put on their entire discography, play it chronologically, and follow along with a lyric sheet: You'll see just how far this music has travelled, and just how well built it is in its intention and integrity. They can take the music wherever they want. They can go farther than any of them have ever imagined. And if they want it, they have the tools, grace and opportunity to become one of the greatest bands of this era. 💥





38 Entertainment High Times March 2016



Sweet Sinners

Atlanta's Biters are made of sugar and vice and everything nice.

I have to admit, I was pretty shocked when I heard that Biters signed to Earache last spring. Short on class and long on sleaze, Atlanta's favorite party-rock sons are a world away from the iconic, groundbreaking black metal bands (Entombed! Napalm Death! Bolt Thrower!) that the label broke back in the day. "Biters? My hairdresser and all her friends wouldn't shut up about how hot they are," griped a male friend when I mentioned the band. Well, they'd better be: Biters unashamedly play rock'n'roll that harks back to a time when "pro hair and attitude" were as important as fiery lixx and catchy sing-along choruses, and they faithfully deliver it all. Electric Blood, their first full-length, finds them tingeing the full-throttle, glammy power pop of the '70s (Sweet, Slade, Raspberries) that marked their previous EPs with



Electric Blood (Earache)

the sugary hard rock of the early '80s (Kix, Hanoi Rocks). Anthemic album opener "Restless Hearts" is gold, with its instantly memorable chorus, dizzy keyboard line and cobra guitar solo, which starts low and coiled before rising to strike with Thin Lizzy fangs. "Dreams Don't Die" and "Elec-

tric Blood" are beautifully wistful rock-candy burners in which the acoustic guitar is used to great effect—not alone, but in tandem with slash-and-burn electric guitars, which has the aural effect of a rainbow in a thunderstorm. I know that sounds pretty unicorn-stickers-on-a-Trapper-Keeper; it's possible such junior-high sentiments come to mind because of the production, which is slick and L-I-T-E, with occasional cheesy keyboard choices and too-shiny guitars belying the band's live power. The record sounds big and sweet; I just wish the whole thing was a little rawer, faster, wilder... like the band. *Electric Blood* finds Biters straining at the leash; hopefully, their next album will find them snapping it. *Polly Watson*

MUSIC RECOMMENDATIONS



Peaches
Rub
(I U She Music/
INgrooves)

Peaches loves appropriating the boys' brazen sexuality and gynecological detail, but she turns it up two notches here. The electronic diva's first album in six years suggests postmodern beer-commercial porn with gender dysphoria. It pushes back further than ever on sexual roles, from

Routinely referred to as a "sludge band," Savannah shape-shifters Kylesa haven't really been one for years.
Sure, their first two albums were slow-cooked to a crusty, detuned rumble—but with each succeeding record, more psychedelic nuance and dreamlike textures seep into their sonic palette. So

the reverse-bukkake of "Rub," to "Dick in the Air," in which Peaches lays out her agenda: "We've been shaking our tits for you / Let's switch positions." Satirical highlight "Vaginoplasty" showcases Peaches' irreverence, on an album whose absence of pop pretensions encourages an even edgier wit. Chris Parker

it is with *Exhausting Fire*. From space-bass excursions and tribal-drum workouts to galloping metal blasts and throbbing Pixies-esque altrock, Kylesa have expanded their horizons considerably since their 2002 debut without ever abandoning their penchant for high-quality heaviness. *J. Bennett*



Exhausting Fire (Season of Mist)

Fuzz II
(In the Red)

With Zeppelin-reunion hopes fading and Sabbath on their final tour, LA super-trio Fuzz's sophomore album fills the retro-heavy-riff void. The psych sludge of "Pipe" will appeal to stoner sensibilities, and the tribal intro of "Say Hello" and the strings of "Silent Sits the Dust Bowl" demonstrate

the band's diversity. You wouldn't want to meet "Jack the Maggot" in a dark alley, and the Luciferian chords of "Bringer of Light" sustain the wicked vibes. Fuzz save the best for last on the closing instrumental "II"—a 13-minute thrill machine you'll bribe the carny to keep riding. Mark Miller

BOOK RECOMMENDATIONS



Stoned: A Doctor's Case for Medical Marijuana

David Casarett, MD (Current)

Investigations into basal ganglia, shrinking brains and the vanishing penis are only a few of the curious signposts along the journey of *Stoned*, physician David Casarett's dive into a seemingly simple question: "Does medical marijuana work?" His exploration is detailed via a number of anecdotes,

including self-medication, and backed up by the latest and most comprehensive marijuana research. Casarett's skepticism as a scientist melts away as he learns more about cannabis at the molecular—and human—level. The doctor rests his case with the World's Best Brownie Recipe. Mike DiPaola

GAMES RECOMMENDATIONS



Solid V: The Phantom Pain PS4/Xbox One/PC (Konami)

Simultaneously modernistic and classic, *The Phantom Pain* is the weaving of fiction drenched in 1980s action-flick nostalgia with the historical narratives of the Soviet invasion of Afghanistan and the Angolan Civil War. Tactical espionage is still the game, and never before has the

creativity for disarming adversaries been fostered so well. Stealth not your thing? Been spending too much time getting high, hiding in a cardboard box? Get some help from your knife-wielding dog—or maybe a little sniper support from a bikini-clad walking bioweapon. Tyler Merfeld

PHSHOOTOUTS PHSHOTENTS









Dear Big Bud Grower,

For years, we've been telling you about Advanced Nutrients' pH balance-free base nutrients with pH Perfect Technology and how it's the only state-of-the-art technology that balances your pH for you, and holds it in marijuana's "bud growing sweet spot" for a minimum of one week.

The

*Bud Growing Sweet Spot"

is a pH range of pH 5.5-6.3

Now, we'd like you to see the proof!

We put pH Perfect Base Nutrients

and supplements head-to-head

against all the other top hydroponics

brands and filmed it live for you.

We setup three diverse pH ranges of 4.5, 6.5, and 8.5 – then tested all the top brands against Advanced Nutrients to answer the ultimate question ...

Does pH Perfect Technology really work? And how does it stack up against the competition?

Go Now To:
AdvancedNutrients.com/shootout/

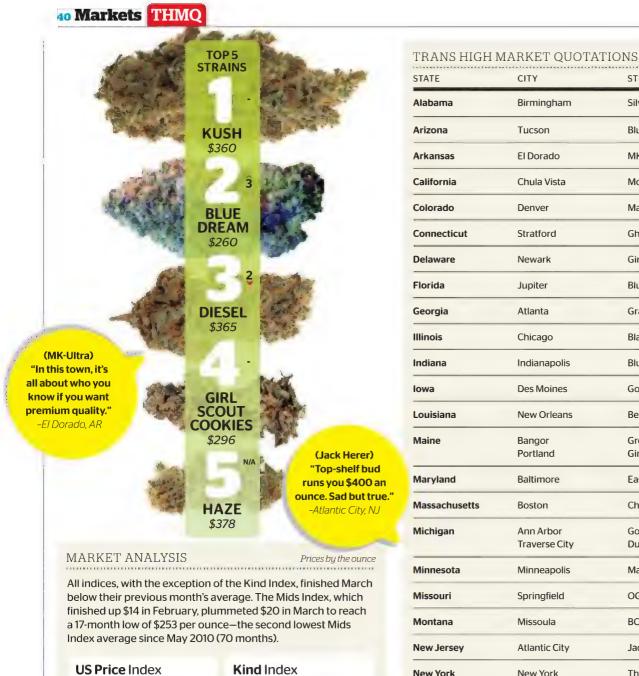


00088

Ask your local hydroponic retailer about what Advanced Nutrients can do for your garden today?



PRICE





Oct Nov Dec Jan Feb Mar

Mids Index

YTD Average: \$262

Oct Nov Dec Jan Feb Mar **Schwag** Index

YTD Average: \$111



(BC God Bud) "Golf ball-sized nugs, wrapped in resin and dense as a doorknob."

-Missoula, MT

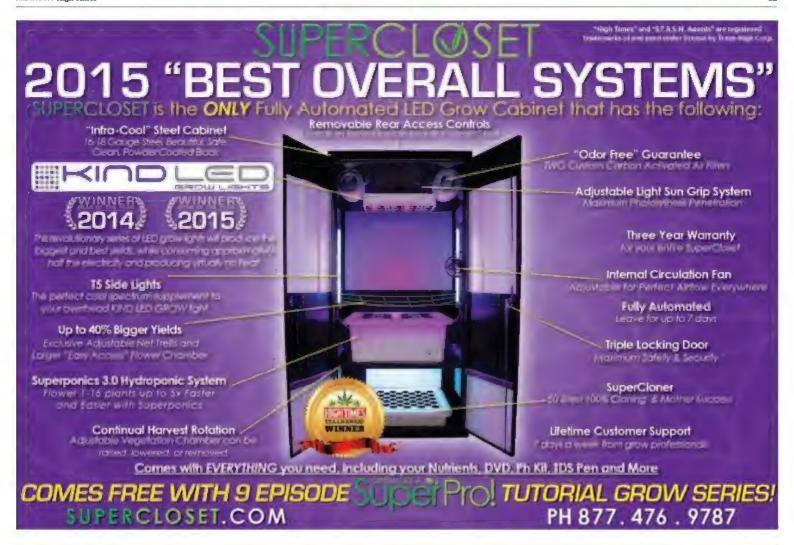
Mabama Birmingham Silve		Silver Haze	\$350	
Arizona	Tucson	Blue Dream	300	
Arkansas	El Dorado	MK-Ultra	330	
California	Chula Vista	Monster Cookies Wax	20/gram	
Colorado	Denver	Mango	150	
Connecticut	Stratford	Ghost Train Haze	425	
Delaware	Newark	Girl Scout Cookies	350	
Florida	Jupiter	Blue Cheese	240	
Georgia	Atlanta	Granddaddy Purps	380	
Illinois	Chicago	Blackberry Kush	330	
Indiana	Indianapolis	Blue Dream	200	
Iowa	Des Moines	Gorilla Glue #4	290	
Louisiana	New Orleans	Berry White	275	
Maine	Bangor	Great White Shark	300	
	Portland	Girl Scout Cookies	260	
Maryland	Baltimore	East Coast Sour Diesel	400	
Massachusetts	Boston	Chemdog Shatter	40/gram	
<mark>Mic</mark> higan	Ann Arbor Traverse City	Gorilla Glue Dutch Treat	300 275	
Minnesota	Minneapolis	Master Kush	320	
Missouri	Springfield	OG Kush	350	
Montana	Missoula	BC God Bud	200	
New Jersey	Atlantic City	Jack Herer	400	
New York	New York	Three Kings	400	
North Carolina	Asheville Raleigh	Tahoe OG Blue Dream	320 360	
Ohio	Cleveland	Trainwreck	300	
Oregon	Portland	Jack Herer	200	
Pennsylvania	Philadelphia	Grape Ape	210	
Tennessee	Nashville	Alaskan Thunderfuck	240	
Texas	Austin	Critical+	375	
Utah	Provo	Time Wreck	200	
Vermont	Burlington	Blue Dream	320	
Virginia	Richmond	Headband	400	
Washington	Seattle	Girl Scout Cookie	280	
INTERNATIONAL				
Canada	Calgary Quebec City	Jack Herer Mango Kush Blueberry	C\$210 190 190	
United Kingdom	London	Chemdog	£250	

CITY

STRAIN

location and price by the ounce to $\it thmq@hightimes.com$, or tweet us (#THMQ).

(Berry White) "Sweet taste. Mellow and exciting at the same time. Euphoric."









What's new for cannabis cultivators and connoisseurs.

1 Torch-Free

\$260
torchlessnail.com
Dabbing on the go can be difficult—especially when you have to break out an unsightly torch to heat your nail. The new Torchless Nail eliminates any of those potential issues with a portable, rechargeable, battery-operated heating element made from Grade 2 titanium. Simply strap the battery to your glass tube, press the heating button and dab away to your heart's delight.

2 Soapy Sales

Prices vary
budsudsoap.com
Cannabis-infused topicals are
a wonderful way to integrate
the healing powers of marijuana into your skin-care regimen, but without the psychoactive effects of smoking. We love
the all-natural products from
BudSuds, which include soaps,
bath bombs and salt scrubs.
All are made using organic oils
and butters, without synthetic
chemicals, and they come in a
variety of delightful aromas.

Scaled Up \$79.99

blunt ventures. com

for perfect puffing.

Medical marijuana patients interested in accurate dosing, as well as dispensary owners seeking to roll consistently sized joints, should look no further than the new **Grale grinder scale** It's an all-in-one grinder, pollen catcher and scale that measures

than the new Grale grinder scale. It's an all-in-one grinder, pollen catcher and scale that measures the perfect amount of material every time—accurate to 0.01 of a gram. Plus the aluminum teeth ensure a thorough, even grind

Bee Smart

Prices vary smartbeecontrollers.com
Growers need to monitor and control many different aspects of their cultivation environment in order to reap reliably successful harvests. The customizable SmartBee Controller system consists of wireless and modular units that provide accurate readings of CO₂, air circulation, temperature, lighting, humidity and irrigation levels—all reported in real time to an app for your smartphone or tablet.

ROCKY MOUNTAIN HIGH COLORADO'S PREMIUM MARIJUANA BRAND





SWEET SILVER HAZE - GROWN BY GREG AVERILL



8 LOCATIONS ACROSS COLORADO



CARBONDALE

DURANGO

MONTROSE





Rocky Mountain High Dispensaries



@rockymountainhighdispensaries

ROCKYMOUNTAINHIGH.CO

THE BUD-GETTING BENEFITS YOU CAN'T BUY!

When you choose any of Advanced Nutrients' pH Perfect® Base Nutrients, you will also receive 5 Benefits in 1 that are included in every bottle at no additional cost...

Other companies might charge hundreds of dollars for the same benefits these products bring you, but they're all included as part of the standard formulations in each of our cup-winning, plant-specific base nutrients. They are...

Hq sart-same

TONSIO-NO



nutrical-nutrientes, allowing account spreading and uptake of nutrients.

surfactant studies shows Wet Betty (by itself) consistently increases plant growth by an average of 6 %!

2. FI

Full-K Add but it directly stimulates plant growth and is 1,000 times smaller from huma acid—making it easily utilized by your plants. Full-K Acid is also

3. H2

lahodissing lang-drain **Humis Acid** to your root zone is like building a "condominium complex" for beneficial bacteria and franci, giving them an outmat structure to flaurish in.





to a bound a year that put to be a mile of a few parties of and to de la few parties of a f

5. Balance-Free pH Perfect* Technology

your pile within the optimal range (collect the "sweet spot") of pile 5.5—6.3 — and keeps if there for one week. No man pens, No half to describe the pile to be able to turn a good grap.

AGAIN YOU CAN'T BUY THESE 5 BENEFITS IN 1-THEY'RE OUR GIFT TO GROWERS EVERYWHERE AND INCLUDED AT NO COST IN EVERY BOTTLE OF ADVANCED NUTRIENTS THE PERFECT BASE NUTRIENTS!

To Find Out More Go Now To: AdvancedNutrients.com/5in1



Ask your local hydroponic retailer whout what pill Perfect' Base Nutrients can do for your gardon today!





ADVANCED NUTRIENTS PIONEERS MARIJUANA GROWING EDUCATION

Advanced Nutrients has recently launched Grow Med University (GMU) a tree, self-directed online hydroponics course that reveals the latest rechniques, tips, tricks, and technology used by the most competitive marijuana growers in the world.

Step-by-step tutorial videos, white papers, elficacy reports and informative scientific articles allow any grower with an Internet connection to hone their skills and help produce their best harvest yet, free of charge.

Why Marijuana Growing Education Is a Top Priority for Advanced Nutrients

The medical marijuana industry is growing every minute legal marijuana is the fastest-growing industry in the U.S. and a slew of other businesses are jumping on the bandwagon as well. At present, 23 U.S. states allow medical marijuana use, while 7 have legislation pending to issue licenses for it.

4 states and Washington, D.C. have legalized cannabis outright, while another California referendum in 2016 will allow recreational use in a state that was the first to permit medical marripana use way back in 1996. It is estimated that medical marripana is already a multibillion-dollar industry (without counting recreational sales).

While a great deal of information and misinformation appears daily on the Internet, novices and more advanced growers alike are always looking for a source of reliable information which can serve to improve their yields, both in terms of quality and quantity. A whole community of growers inhabit the growers forums and are always looking to perfect their growing skills, without having to wade through hours and hours of irrelevant or misleading forum posts.

GMU is a bold step in a better direction, and by elevating the general level of education among growers, the quality of marijuana, especially as medicine, will skyrocket worldwide. This isn't just for connoisseurs, it's for children with epileosy, as well as adults suffering from the effects of chemotherapy, chronic pain, and glaucoma. Thousands of YouTube videos help document the impressive results of therapeutic cannabis use.

Grow Med University is a course representing the cumulative experience of scores of the most competitive growing experts. From day one, it was envisioned as a community driven resource, providing much needed knowledge to the medical-marijuana community. If you have a passion for hydroponics and growing marijuana to help patients get rid of illness and pain, then Grow Med University is for you.

GROW MED UNIVERSITY Take your grow skills to the next level and join our community now: GROWMEDUNIVERSITY.COM Advanced National States of the second sta

High Times March 2016

Best-Tasting Budson Earth

Your favorite terps uncovered. *By Nico Escondido*

Terps 101

Understanding what's behind the amazing flavor of your favorite buds is no easy task. But as the medical and legal cannabis markets expand and this booming industry builds legitimacy, the latest scientific research is making it crystal clear: There's far more to marijuana than just the well-known cannabinoids like THC and CBD.

Indeed, the word "terps" (short for "terpenes" or "terpenoids") is thrown around quite a bit these days, employed as a catchall term to describe the scents and tastes associated with various cannabis strains. But what are terps, and how do they affect the aroma and flavor of our best-loved strains?

Technically, terpenes are a large class of organic hydrocarbons produced by a wide variety of plants, not just cannabis; they're referred to as "terpenoids" if they become denatured by oxidation (such as during the drying and curing process). In simpler terms, terps are the essential oils or primary building blocks of any plant resin, and they contribute a great deal to the scent, flavor, and colors of the plant. Some recent research even suggests that terpenoids may contribute to the psychoactive effects of cannabis as well, either singularly or via the "entourage effect"—the total compounded influence of all the cannabinoids and terpenoids contained in dried cannabis flowers.

The List

The following list of the "Best-Tasting Buds on Earth"—our first ever—has been compiled using the latest in lab-testing technology as well as our state-of-the-art cannabis scoring and ranking system, known as the High Times Scorebook, which we use at all of our Cannabis Cups to pick the winning entries.

HT's partner labs test strains not only for cannabinoids, but for a full range of terpenes as well. Then we combine these quantitative results with the qualitative data obtained from hundreds of expert judges at our Cannabis Cups over the past two years to determine which strains possess the best flavor and aroma, making the cannabis connoisseur's palate water even before the first bowl is sparked...

#1 Durban Poison

Total terp count: 4.1%

Primary terps: terpinolene (23.8 mg/g); myrcene (15.6 mg/g)

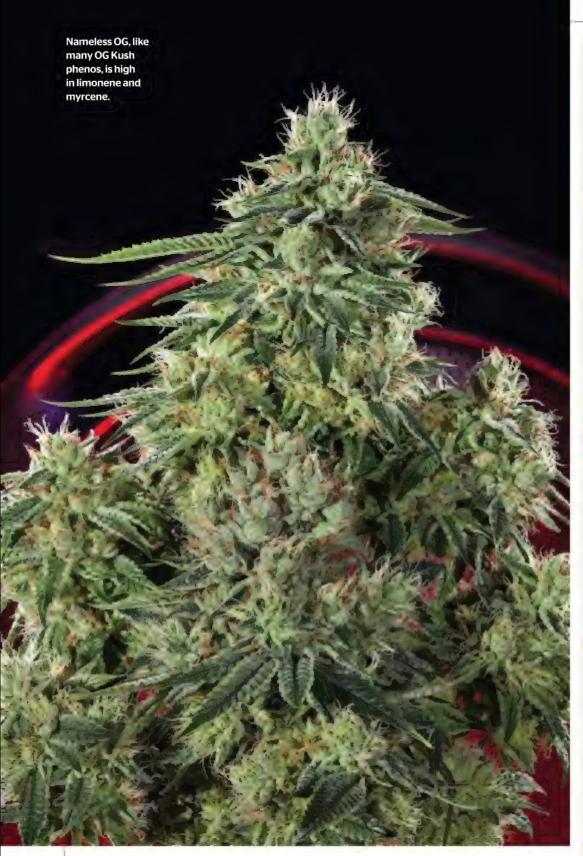
Competition: Seattle US Cannabis Cup, 2014 Awards: 3rd Place, *Sativa* Flowers (US Recreational)

Grower: TJ's Organic Gardens

Lab-tested by: Steep Hill Labs, Seattle, WA

DESCRIPTION: Surprise! Landrace Durban Poison, like the one we encountered at our Seattle Cup in 2014, is a pure *sativa* and has been known to hit upwards of 24% THC. What hasn't been known until recently is that her true phenotype exhibits an extremely rare terpene profile that not only includes a heavy dose of myrcene, but also the less common terpinolene. At 23.8 mg/g, this is among the highest concentrations of terpinolene found in any strain on the planet, giving the Durban Poison a refreshing piney aroma with a very sweet floral flavor. At just over 4% total terps—a serving size usually reserved for concentrates, not flowers—the Durban perches atop The List with a heavy lead.





#2 Nameless OG

Total terp count: 3.01%

Primary terps: limonene (9.2 mg/g); myrcene (8.1 mg/g); humulene (2.1mg/g)

Judges' scorecard: 3.88 (out of 5) for taste; 3.83 for aroma **Competition:** Michigan Medical Cannabis Cup, 2015

Awards: 4th Place, Indica Flowers (Medical)

Grower: Nameless Genetics

Lab-tested by: Iron Labs (Walled Lake, MI) and PSI Labs (Ann Arbor)

DESCRIPTION: An appropriate name for an OG Kush phenotype that represents the seemingly endless parade of OG phenos that grace our pages and our competitions year after year. This OG didn't knock the socks off our judges, but she did tip the scales at just over 3% on her terp count, which is on par with some concentrates. Her diverse terp profile, which includes humulene and pinene as well as high levels of limonene and myrcene, solidifies her place near the top of The List.

THE MIGHTY TERPENE PLAYERS

Unlike the major cannabinoids, terpenes don't require a hefty level in cannabis to make their presence known. Additionally, terps are common to all subspecies of cannabis, meaning that they don't play favorites between *sativas* and *indicas*.

Here's a brief overview of the terpenes that play a major role in the scent and flavor of our favorite strains:

LIMONENE Perhaps the most desirable terp present in cannabis, limonene is also found in a wide range of tropical fruits, particularly those of the citrus genus. Limonene is most common in lemons, oranges and limes, as well as in cannabis resin. This terpene explodes in the air when a fruit is peeled or buds are ground. Ironically, plants use limonene to repulse predators.

Limonene is the first-, second- or third-mostprevalent terpene in cannabis strains, and it's a precursor for the synthesis of other cannabinoids. Limonene is easily absorbed by inhalation and quickly appears in the bloodstream. Since it's known to affect the permeability of cell membranes, it allows more THC to reach the brain and increases the absorption of other terps.

PINENE. This terpene causes the familiar aroma associated with pine trees and their resins, as well as many other conifers and a few non-coniferous plants such as big sagebrush. Pinene is also found in many essential oils produced by plants, including rosemary, sage and eucalyptus. It constitutes the major component of turpentine, contributing to its odor and properties as a solvent.

Pinene easily crosses the blood-brain barrier and promotes alertness and memory retention, among other effects. It is also a bronchodilator, allowing the deeper inhalation of smoke or vapor and the greater absorption of cannabinoids and terrenoids

MYRCENE One of the most prevalent terps in cannabis, myrcene not only provides hints of flavor and aroma, but it's also a big contributor to the effects that a strain produces. Myrcene forms an important component of the essential oils of several plants besides cannabis, including lemongrass, bay, wild thyme, parsley, mango and hops.

Myrcene is used in the perfume industry as an intermediate agent in the preparation of flavor and fragrance chemicals such as menthol, citronellal, nerol and linalool. In cannabis, myrcene has an aroma that has been variously described as hoppy, clove-like and earthy, with tropical, mango and minty nuances.

LINALOOL This terpene has a floral scent reminiscent of spring flowers such as lily, but with spicy overtones; it is also prominent in lavender plants. Humans can detect its aroma at rates as low as one part per million in the air. In cannabis, trace amounts of linalool go a long way—combined with trace amounts of terpinolene and limonene, its effects become amplified and sweeter, much like candy

TERPINOLENE This terp has a medium-strength, herbal aroma that's been described by judges as fresh, woody and piney, with a hint of citrus. Terpinolene's flavor is sweet and lemon-lime-like, with a slight floral nuance. It is used as a flavor and fragrance agent, as well as in soaps, detergents, creams, lotions and perfumes.



#3 Veganic Cherry Cough

Total terp count: 2.89%

Primary terps: myrcene (23 mg/g); limonene (2 mg/g); linalool (1.5 mg/g)

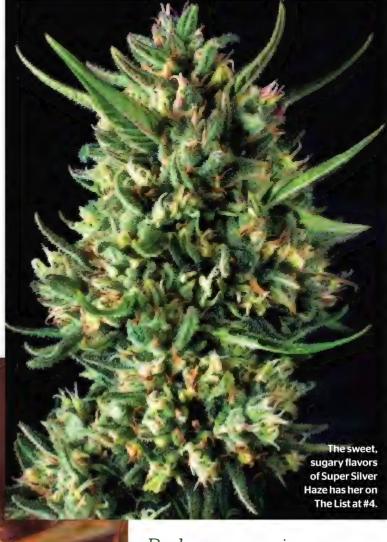
Judges' scorecard: 3.8 (out of 5) for taste; 4.3 for aroma

Competition: San Francisco Medical Cannabis Cup, 2014

Grower: Kushman Genetics

Lab-tested by: Steep Hill Labs, Berkeley, CA

DESCRIPTION: By now, it's no secret that buds grown organically tend to do much better when it comes to flavor and aroma. Perhaps that's because they're easier to flush without all the salts that synthetic nutrients carry—or perhaps it's because organic nutes are simply better at giving plants what they need to build great terp profiles and maximize their genetic potential. Either way, when buds are grown veganically—as was the case with this Kushman Genetics original, grown using Kushman's own Vegamatrix nutrient line—the results are extraordinary (see the chart on page 54 for more info). With hints of linalool and pinene mixed with limonene, we're talking Tropical Starburst flavor all the way. And in case you're wondering, her lineage looks like this: (Strawberry Cough x Cherry Lopez) x Strawberry Cough.



Perhaps organic and veganic nutrients are simply better at giving plants what they need to build great terp profiles and maximize their genetic potential.

#4 Super Silver Haze

Total terp count: 2.78%

Primary terps: myrcene (14.12 mg/g); terpinolene (11.48 mg/g)

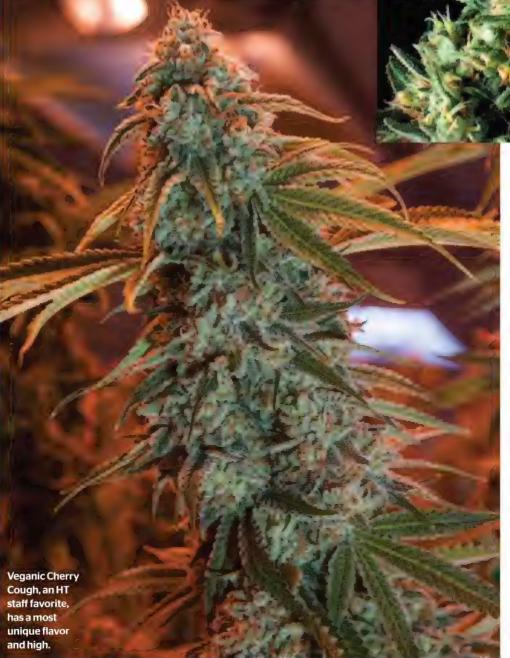
Judges' scorecard: 4 (out of 5) for taste; 3.8 for aroma

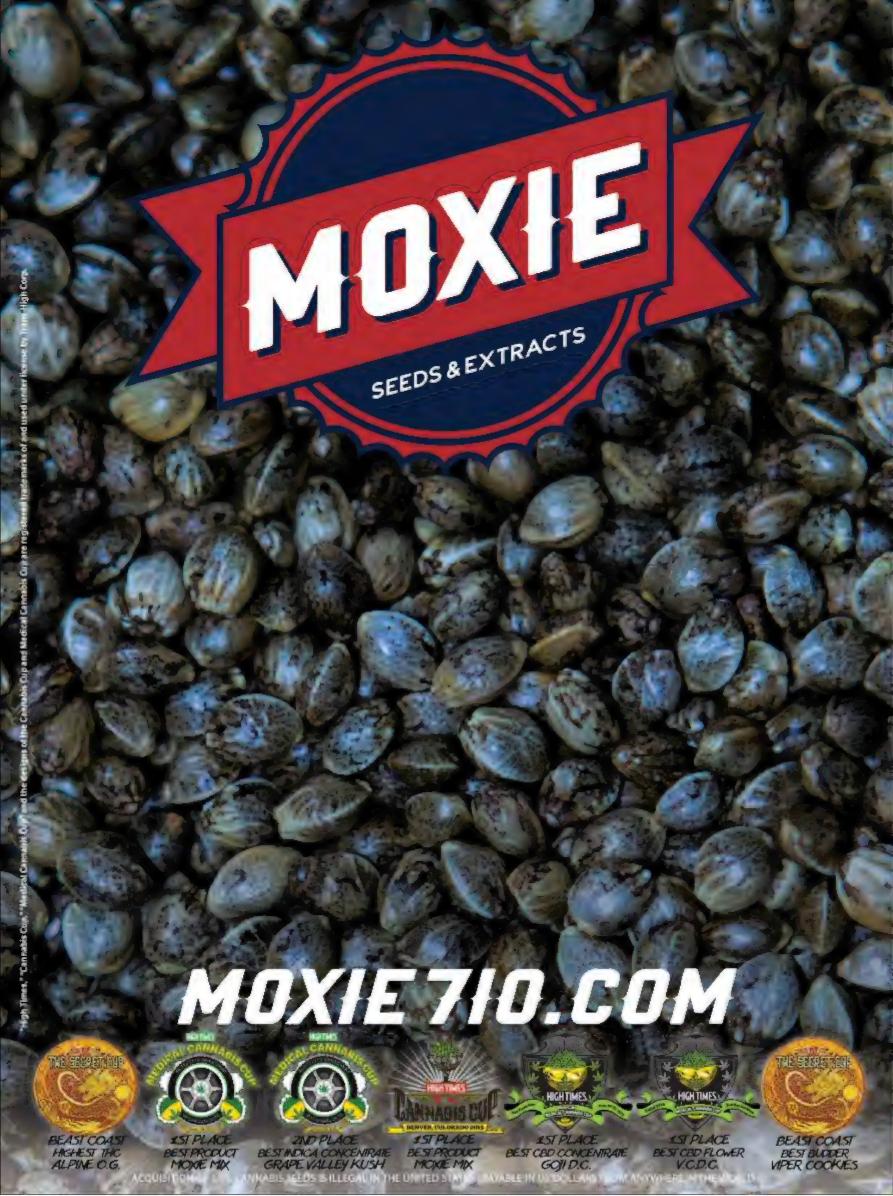
Competition: Seattle US Cannabis Cup, 2014 Awards: 1st Place, Sativa Flowers (US Recreational)

Grower: Life Is Good Healing

Lab-tested by: Steep Hill Labs, Seattle, WA

DESCRIPTION: One of Amsterdam's original classics, the Super Silver Haze has become a building block for many of today's staple Haze strains. A sativadominant hybrid created by mixing pure Haze with Skunk #1 and Northern Lights #5, the SSH has parented strains like the Amnesia Haze, Super Lemon Haze and Blue Dream.





52 The Best-Tasting Buds on Earth High Times March 2016

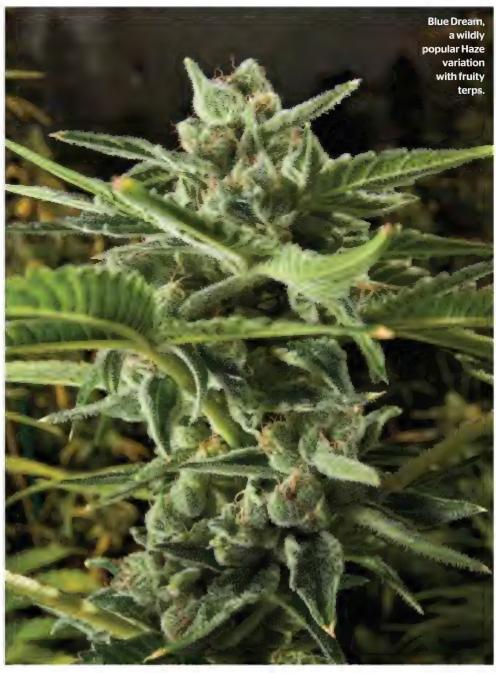
#5 Blue Dream

Total terp count: 2.47%

Primary terps: myrcene (14.93 mg/g); pinene (8.39 mg/g) Judges' scorecard: 4.5 (out of 5) for taste; 4 for aroma Competition: Denver US Cannabis Cup, 2015 Grower: Grow Bales (Brenton Swanson) Lab-tested by: Charas Scientific Labs, Denver

DESCRIPTION: A product of two exquisitely flavored strains, Blueberry x Super Silver Haze, the Blue Dream offers strong, fruity tones and a sugary-sweet flavor. The winner of countless Cannabis Cups, she often scores perfect 5's on the judges' scorecards and will fill a room with her pungent berry aroma as soon as a bud is cracked.





#6 Tropicanna

Total terp count: 2.4%

Primary terps: myrcene (15.9mg/g);
pinene (4.2 mg/g); limonene (2.1 mg/g)

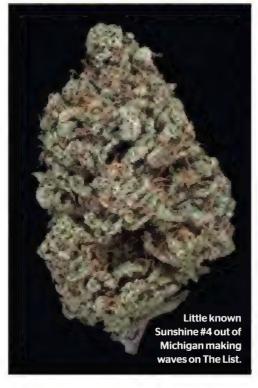
Judges' scorecard: 4.2 (out of 5) for taste;
3.85 for aroma

Competition: Michigan Medical Cannabis Cup, 2015 **Awards:** 2nd Place, *Sativa* Flowers (Medical)

Grower: Cannabiotix

Lab-tested by: Iron Labs (Walled Lake, MI) & PSI Labs (Ann Arbor)

DESCRIPTION: Creatively named, the Tropicanna has the rich lineage one would expect from a great-tasting strain and Cup winner: Orange Crush x Pineapple x (Super Silver Haze x Pineapple) F2. The Kali Mist brings overtones of orange citrus, while the Pineapple and NL #5 provide the sweetness. With potency levels ranging from 20% to 24% THC, the Tropicanna's combo of high terpenes and powerful cannabinoids has made it a rising star in 2015.



#7 Sunshine #4

Total terp count: 2.2%

Primary terps: myrcene (8.32 mg/g); limonene (5.9 mg/g); pinene (1.6 mg/g); trace amounts of linalool, fenchol and nerolidol Judges' scorecard: 4 (out of 5) for taste; 3.75 for aroma Competition: Michigan Medical Cannabis Cup, 2015 Awards: 1st Place, Hybrid Flowers (Medical) Grower: Bodhi Seeds

Lab-tested by: Iron Labs (Walled Lake, MI) and PSI Labs (Ann Arbor)

DESCRIPTION: A cousin of the popular Girl Scout Cookies, Sunshine #4's lineage is similar but has added genetics in the form of Pink Panties (an OG x Burma cross), making her lineage look like this: OG Kush x Cherry Pie x Pink Panties. With a parentage like that, it's no wonder she has the profile of a terpene taco, with all of the major players present—and then some. Taking home a Cup in this summer's Michigan competition, Sunshine #4 rocked the scales at just over 27% THC.

ARIZER BETTER BY DESIGN



AVAILABLE AT



WWW.VAPORIZER SUPERSTORE

54 The Best-Tasting Buds on Earth
High Times March 2016

STRAIN	INDOOR/OUTDOOR	NUTRIENT PROGRAM	GROW MEDIUM	IRRIGATION METHOD
1. Durban Poison	Indoor	Organic composts & tea	Soilless mix	N/A
2. Nameless OG	Indoor	Advanced Nutrients Organic Blend	Coco mix	Timed auto-feed
3. Veganic Cherry Cough	Indoor	Vegamatrix	Veganic soilless	Hand-watered
4. Super Silver Haze	Indoor	Canna Nutrients	Coco	Auto top-feed
5. Blue Dream	Outdoor	Compost tea & organic supplements	Grow bales (wheat straw)	N/A
6. Tropicanna	Indoor	Organic Aptus	Coco	Hand-watered
7. Sunshine #4	Indoor	Organic nutrients	Coco	N/A
8. True OG	Indoor	Synthetic	Rockwool	Ebb-and-flow table
9. Zkittlez	Outdoor	Organic	Soil	Hand-watered
10. Strawberry Banana	Greenhouse	Organic	Organic soil	Hand-watered

Organic Growing & Terpene Profiles

From our survey of the "Best-Tasting Buds on Earth," we've compiled the above chart of grow specs for each strain. This data was supplied to us directly by the competitors and growers via their Cannabis Cup entry forms for the various competitions mentioned in The List. Take a closer look at the methods, mediums and nutrients used here. Notice any pattern?

Notice that eight out of the 10 strains—or 80 percent—were grown using either organic or veganic nutrients. It stands to

reason that organic-nutrient lines produce bettertasting buds, for two main reasons.

First, synthetic fertilizers generally have a very high salt content, making it much harder to flush the residue out of the grow medium and the plants themselves. The result: buds that burn black and leave tar and char in your pipe.

Second, organic or veganic nutrients tend to have higher levels of the same compounds found in nature, giving plants more of what they need (and less of what they don't) to help unlock their genetic poten-

tial and maximize their terpene profile. Buds grown organically or veganically burn to a white ash and tend to taste much better than those grown with synthetic nutes.

You may have also noticed that nearly every strain on The List took home an award at one of our Cannabis Cups, proving once again that the most THC-potent strains don't necessarily win; rather, it's the flavor and bouquet that stand out most to true connoisseurs of the plant. Food for thought—and tasty buds for those taste buds in your mouth!



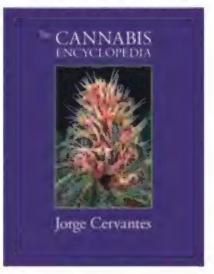
CANNABIS ENCYCLOPEDIA



THE DEFINITIVE CUIDE TO CULTIVATION & CONSUMPTION OF MEDICAL MARIJUANA

596 PAGES 8.5 X 11-INCH FORMAT 2,000+ COLOR IMAGES!

SOFTCOVER \$50 HARDCOVER \$70



ALSO AVAILABLE



Marijuana Grow Basics The EASY Guide for Cannabis Afficionados isy Jorge Cervantes 521 98



Mure than 1,000,000 suld! The Induser/Duidson MEDICAL Grower's Bable by Jurge Convantes \$29.05 Spanish edition \$39.95

Retail Orders

www.amazon.com www.amazon.co.uk www.amazon.com.au www.amazon.de www.amazon.it www.amazon.it www.amazon.in www.amazon.ip www.amazon.mx

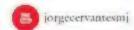
Wholesale Only

www.marijuanagrowing.com Go to "Comact Us"

The Cannabis Encyclopedia covers the following and much more!

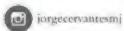
Medicinal Cannabis, Measuring Cannabinoids, Medical Varieties, Cultivation - Seeds, Clones, Indoor, Outdoor, Greenhouse, Case Studies, Meters, Air, Light and Electricity, Hydroponics, Organics, Soil, Water, Containers, Nutrients, Additives, Diseases and Pests, and Breeding - Medicinal Concentrates and Cooking with Medicinal Cannabis.

www.marijuanagrowing.com









GROW MORE FOR LESS

with GODFATHER 2.0



- Size for 700+ clones!
- Harvest 50 mature plants.
- Yields up to 5 to 7 pounds every 10 to 12 weeks!
- More room = bigger harvests.
- 181 cubic ft. SIZE does matter.
- Feeding & Lighting schedule / Lifetime support.
- Sexy modular design makes installation easy.
- High output 5W per diode adjustable LED systems.
- Your choice: One-touch selfwatering soil or Hydro system.
- Raptor Odor Controller = odorfree gardening.



MOM

AS SHOWN \$5399.90 STARTING AT \$4399.90

GROW DADDY LED



- 77 cubic feet of grow space.
- ► 77" tall, 57" wide, 30" deep.
- ▶ Grow, Micro, and Bloom nutrients.
- 600W LED available

LED \$3799.90 STARTING AT \$3399.90



6t. tall, 3ft. in diameter.

- Scientifically designed to max out light penetration and improve air flow for massive harvests.
- Hydro or Organic, HID or LED - Your choice!
- Fully automated. dynamic timing, lifetime support.
- Ask about our Triple Threat
- Harvest every 5 weeks!

BUD BUDDY



- 62 cubic feet of grow space.
- 77" tall, 47" wide, 30" deep.
- Zero condensation issues.
- Choose from soil pots or hydro tubs.

LED \$2799.90 STARTING AT \$2399.90

HYDROPONICS GROUP REPRESENTATIVE 800-850-6360 AND GET STARTED TODAY! www.HydroponicsGroup.com

HYDROPONICS GROUP IS COMING UP FOR SALE!

#8 True OG

Total terp count: 2.1%

Primary terps: myrcene (8.95 mg/g); limonene (5.76 mg/g); linalool (2 mg/g) **Judges' scorecard:** 4.25 (out of 5) for taste; 4.25 for aroma

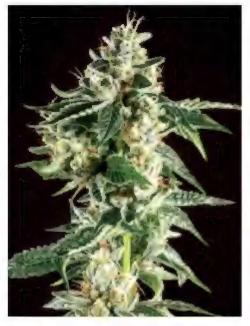
Competition: Seattle US Cannabis Cup, 2014

Awards: 2nd Place, *Indica* Flowers (San Francisco 2010 and '11); 2nd Place, *Indica* Flowers (Medical, Seattle 2012); 1st Place, *Indica* Flowers (Medical, Seattle 2013); 2nd Place, *Indica* Flowers (Seed Company, Amsterdam 2012 and '13); 4th Place, *Indica* Flowers (Medical, Seattle 2014).

Grower: Elemental Seeds

Lab-tested by: Steep Hill Labs, Seattle, WA

DESCRIPTION: It's no surprise that OG Kush would show up on The List twice, with literally hundreds of OG phenos and OG-dominant hybrids out there. However, this True OG lives up to her name as one of the truest (if not the truest) on the planet. Of all the original OG cuts, she remains the closest to the storied San Fernando Valley OG, with strong ties to the flavor and aroma of the Chem '91 as well (also a sibling of the OG line).



The True OG is a perennial winner and as we know, flavor trumps potency with most judges.

#9 Zkittlez

Total terp count: 1.9%

Primary terps: linalool (2.68 mg/g); humulene (1.65 mg/g); limonene (1.4 mg/g); trace amounts of myrcene, pinene, nerolidol and terpinolene

Judges' scorecard: 4.2 (out of 5) for taste; 4.5 for aroma **Competition:** Michigan Medical Cannabis Cup, 2015

Awards: 1st Place, *Indica* Flowers (Medical) **Grower:** 3rd Gen Family x TerpHogz

Lab-tested by: Iron Labs (Walled Lake, MI) and PSI Labs (Ann Arbor)\

DESCRIPTION: Okay, so #9 (and #10) didn't quite make our minimum cut of 2% total terps; however, this one not only took home a first-place prize at this year's Michigan Cup, but it also received some of the highest marks ever recorded from our judges for both taste and aroma. That just shows it's not always the quantity, but rather the quality, of the terps present in a given strain that makes it special—in this case, a highly unique terpene combo that provided this Grapefruit cross with the delicious candy flavor suggested by its name, earning it a spot on The List.



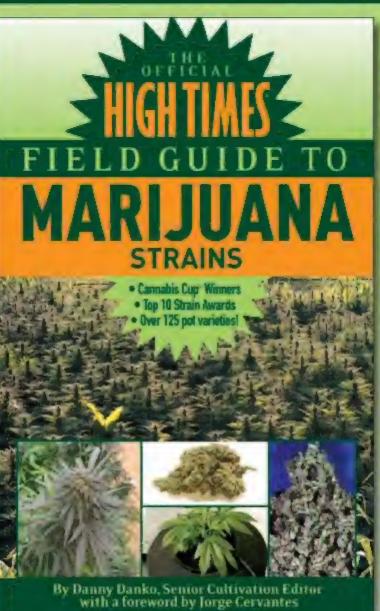


"In this excellent field guide, Danny's years of experience translate into easy-to-reference information on more than 125 strains, all at the flip of a finger, condensing everything you need to know into an easy-to-read, well-researched, concise package—with great photos too!"—Jorge Cervantes,

Author of Marijuana Horticulture: The Indoor/Outdoor Medical Grower's Bible











"If you wish to become more sophisticated about the large number of strains now available, you will be hard-pressed to find a better written and superbly photographed little compendium than this book." —Dr. Lester Grinspoon

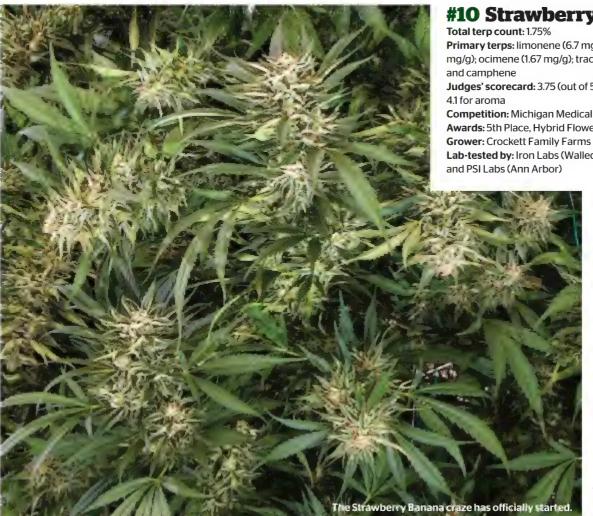




- Cannabis Cup® champions "Top 10 Strain" award winners
- Over 125 pot varieties described Cannabis buyer's guide
 - •Landrace & heirloom genetics
 - Foreword by Jorge Cervantes

Available online at HIGHTIMES.COM/HEADSHOP or call 1-866-POT-SHOP

58 The Best-Tasting Buds on Earth High Times March 2016



#10 Strawberry Banana

Primary terps: limonene (6.7 mg/g); pinene (2.5 mg/g); myrcene (2.4 mg/g); ocimene (1.67 mg/g); trace amounts of humulene, fenchol

Judges' scorecard: 3.75 (out of 5) for taste;

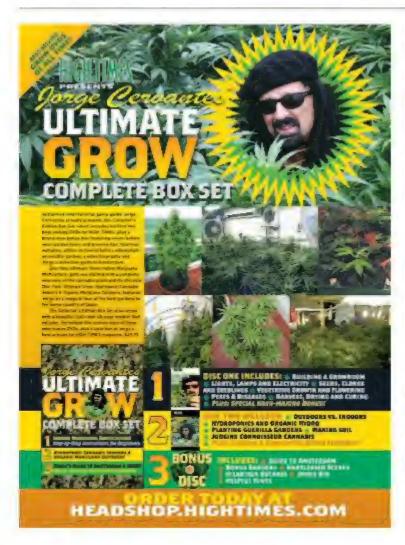
Competition: Michigan Medical Cannabis Cup, 2015

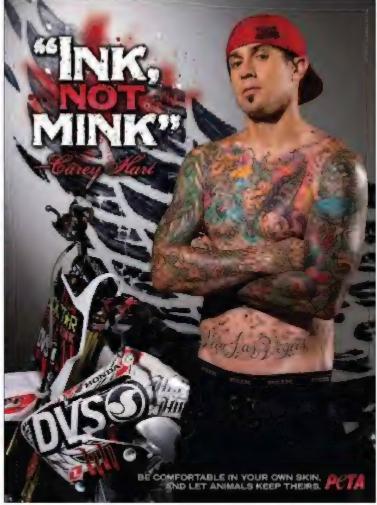
Awards: 5th Place, Hybrid Flowers (Medical)

Lab-tested by: Iron Labs (Walled Lake, MI)

 $\textbf{DESCRIPTION} : Another \ super$ terp combo, the Strawberry Banana has been steadily gaining in popularity over the past few years. A hybrid cross of Banana OG and the classic Bubblegum from TH Seeds (Amsterdam, circa 1993), this strain contains volatile terpenoids that burst when they hit the air, inspiring mouths across the room to salivate. Plus her flavor is just as advertised, invoking visions of a Bazooka Joe-Toucan Sam mash-up. 💥

Special thanks to Sirius Jfor his contributions to the statistical analysis and reporting in this feature.







THE INDUSTRY NOW MATCHING THAT OF IT'S HPS COUNTERPART LARGEST FOOTPRINT OF ANY LED IN

Secondary Optical Lens Magnetes PAR and Increases Canopy Penetration by up to 200%



Dimensions: 23"x17"x3.5"

Weight: 28lbs

Actual Wattage: 450w, 120-240v

HID Wattage Equivalent: 750w

Total Diodes: 208

Footprint: 4'x4'

Infrared/Ultraviolet Diodes: Yes

XL1000



Dimensions: 26"x20"x3.5"

Weight: 36lbs

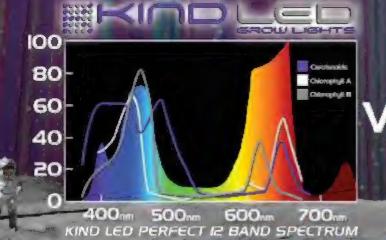
Actual Wattage: 650w, 120-240v

HID Wattage Equivalent: 1000w Total Diodes: 320

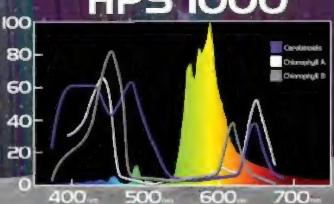
Footprint: 5'x5'

Infrared/Ultraviolet Diodes: Yes



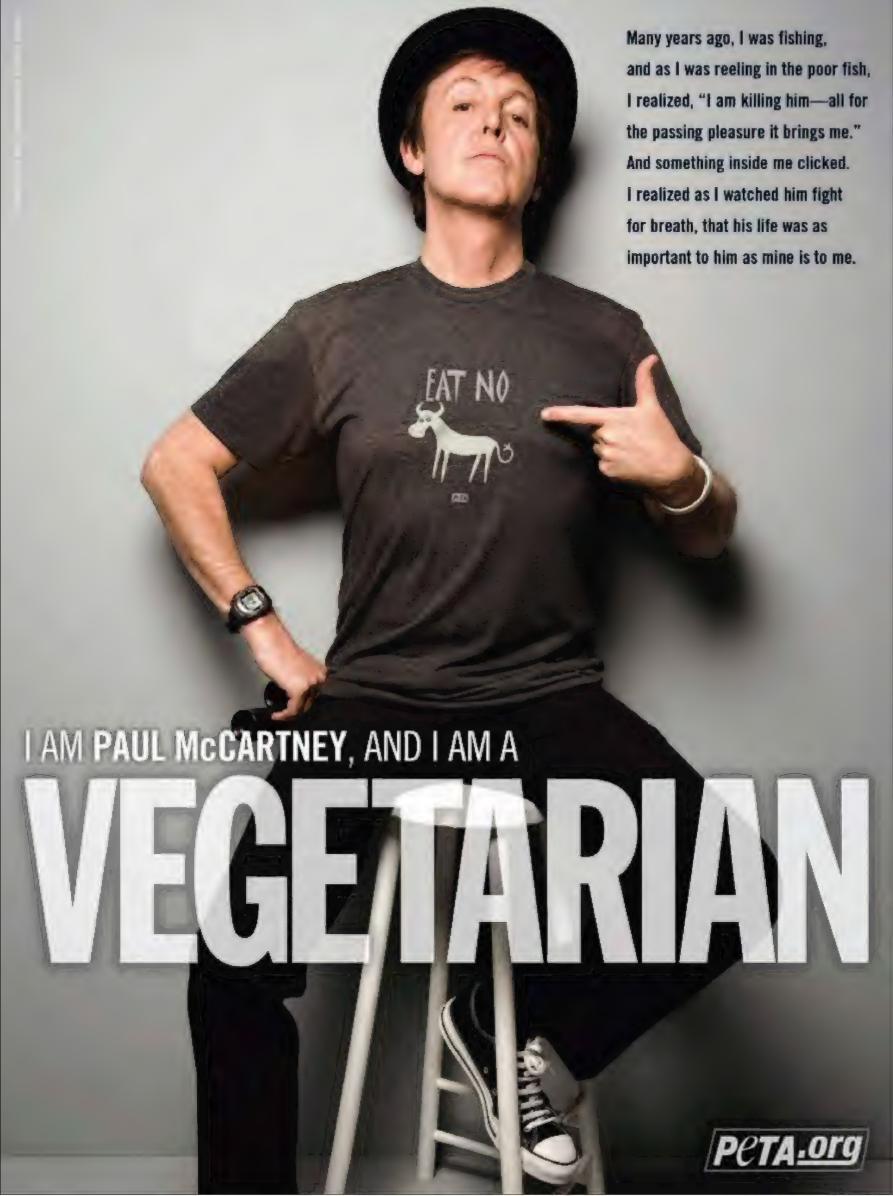


PS 1000



KINDLEDGROWLIGHTS.COM

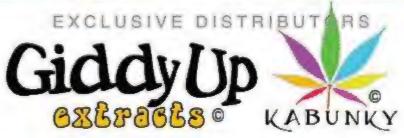
KIND Special This Month ORDER NOW! 1-855-559-5463



Bring Any State Medical Marijuana Card To Vegas.







Dispensing Quality Of Life.

NEVADA MEDICAL MARIJUANA

702.737.7777

LAS VEGAS / LAUGHLIN nevadamedicalmarijuana.com

IT'S TIME TO GET

ORIGINAL **ALL IN ONE**

FORMULA USED **SUCCESSFULLY SINCE 1986**

WHEN IT COMES TO PROPER PLANT NUTRITION



2015 MICHIGAN

SKUNK WERKS TOLL FREE 888.315.2381



SKUNKWERKSRX







The anarchist community of Freetown Christiania has thrived in Denmark—notoriously—since the 1970s. But its infamous Green Light District is under siege.

Story & photos by Sirius J.

If you've ever lived in or visited New York City, you probably can't imagine that a major city could be as neat and orderly as Copenhagen, the capital of Denmark. No one jaywalks or jumps a subway turnstile; every road has a bike lane running next to it; and homelessness is only for those who refuse to give up alcohol and seek treatment. But in this seemingly law-abiding city, a completely illegal open-air market still sells hash blocks and pre-rolls as if they were tourist postcards and souvenir T-shirts.

It's called the Green Light District, and although it's existed as a "social experiment" since 1971, the government has been trying harder than ever to shut it down. But the fearless dealers of the district—or "Pusher Street," as it's known on the

maps—have matched police tactics at every step. Even under siege, the black-market commerce here is brisker than ever.

The Green Light District is only a small part of Freetown Christiania, the autonomous, quasi-anarchist community that was founded in an old barracks and military factory in Christianshavn, an island neighborhood of Copenhagen. Christiania covers some 85 acres, but only 200 people live here, while another 200 come and go to do business every day.

On Pusher Street, located on Christiania's main drag, the dealers set up shop in little wooden stalls to sell space cakes (the European term for hash-infused edibles), as well as Moroccan hash, weed, BHO, and pre-rolled joints of hash or weed mixed with tobacco.

64 Green Light District High Times March 2016







hen you pass through the main entrance, you become part of an eclectic marketplace. You see

dreadlocks, blond Danes, all sorts of tourists and a whole lot of people trying to remain anonymous, skulking around with their heads down, wearing hoodies. Beautiful and badass graffiti covers every building. But signs warn you never to take pictures of anything going down here. It feels like a post-apocalyptic, underground bazaar.

A massive wall of camouflage netting is stretched between two buildings. Beneath it are the huts where weed is sold. A detail of very sketchy-looking twentysomethings stand guard, waiting to sound the alarm if the cops come.

Camo netting is also used to shield the huts. It's decorated with Christmas lights and photos of Bob Marley, but every decoration has an important function. The camo allows you to see only the dealers' gloved hands; even if you peer through the netting, their faces are obscured by aviator shades and balaclavas. One "shop" even has a mirror perfectly set up so that, from a distance, it looks like the customer is the one behind the counter.

Wandering around, I stopped to ask one of the dealers for info about his situation. After speaking for a few minutes through a gap in the camo netting, David invited me into the hut to continue talking. He warned me that it's not good to stand too long in Pusher Street, or else the cops will assume you're a criminal too.

The possession of hash or cannabis will earn you a fine in Copenhagen, but dealing carries jail time. David and his colleague Casper told me that everyone was on edge because 30 people had been arrested not three days before.



Given the presence of an illegal market that pulls in over \$170 million a year, the cops were bound to take interest. The Copenhagen police even have a specialized Pusher Street unit-and they're not messing around. In the past, the cops would roll in and raid huts on the spot, but now their tactics are more covert. In the early morning, they sneak in when dealers can't find cover among the hordes of tourists. They dress in ghillie suits (camo clothing that resembles heavy foliage) and track individual "pushers" with telescopic lenses, tailing them and recording how many sales they make daily. Then they come and arrest the dealers in their homes and fine them millions in kroner, the local currency.

In the middle of our conversation, a 40-ish guy who seemed like a Pusher Street bigwig rushed in with urgent news, since everyone huddled around him to listen. I puffed on the pre-roll they gave me and stood back to allow them some privacy, even though I don't speak a lick of Danish. After a few minutes, David shared the news with me: Someone had just gotten popped with 150 kilos of hash and another 30 of flower.

They asked me what the scene in America was like so I gave them a quick description of what was going on in our pot-legal states.

We talked a few minutes longer and, before I left, Casper hooked me up with some nice hash—the smoke of choice in Europe, discreet and easy to smuggle. Many prefer blending it with tobacco to create a flavorful blend that's smoked everywhere from Spain to India.

Hash can be found in abundance here, but the flowers are nothing to sneeze at either. They're mostly imported from the Netherlands, like the Pineapple Express



66 Green Light District High Times March 2016



and OG Kush I tried the first day. But some of these buds are actually grown in Denmark. At one stand, a vendor allowed me to sniff his bags. One specimen absolutely smacked me in the face—when I asked what it was, the vendor replied appreciatively, "You, sir, have a good nose!"

He told me it was Jack Herer, bred here in Denmark, and that the flowers were a product of the original cut. Hands down, it was some of the best weed I've ever smoked. The other native weed must have been pretty heavy on the CBD, with some seeds mixed in. After sampling the rest, I happily stuck with the Jack Herer.

The edibles turned out to be surprisingly powerful. Although I was skeptical at first, a single bite of a space cake was enough to make my mouth tingle and my legs wobble. Then I left Pusher Street and went on an official tour of "The Town." A veteran resident of Christiania named Pia

was my guide, and she explained the community's colorful history.

Before 1971, the surrounding neighborhood was basically a slum. After the military officially abandoned its factory, local residents ripped down the fence around the barracks and turned it into a makeshift children's playground. According to Pia, Denmark was concerned about the possibility of a third world war (this was back in the days of superpower tensions between the Soviet Union and the United States), so the country decided to isolate itself and shut down the military installation.

But that's Pia's take on the local history. As elsewhere during the '70s, Denmark was also undergoing a youth revolution, much like the hippie movement in the US. Young people began squatting in the barracks and turned the space into a commune. The commune's original mission statement hasn't changed since its founding: "The objective of Christiania is to create a self-governing society whereby each and every individual holds themselves responsible for the well-being of the entire community. Our society is to be economically self-sustaining and, as such, our aspiration is to be steadfast in our conviction





CITY SERIES



CITY 9 435 Wall



CITY 14 650 Wall

FOR YIELDS THAT DON'T SUCK, GET LIFTED!

IT'S WHAT PLANTS NEED!



Wireless spectrum control via "air-com" technology



Revolutionary hybrid full spectrum LED design

90 DAY

Money Back Guarantee!

DISCOUNT CODE: GETLIFTED

WWW.LIFTEDLED.COM

505.800.1LED(1533)

68 Green Light District High Times March 2016

that psychological and physical destitution can be averted."

The Danish Ministry of Defense, which still owned the land, granted the commune "usage rights" from 1973 through '76, which would allow the ministry enough time to determine how the land would ultimately be used. But the residents of Christiania weren't going anywhere. When the agreement expired, the Defense Ministry extended the provision until 1978. At that point, Denmark's Supreme Court ruled that the area should be cleared immediately. However, the Danish Parliament decided that the Freetown could continue its existence under special conditions, because a city plan was needed for the entire district.

In 1989, the Parliament passed the Christiania Law, allowing the Freetown to continue as the only sustainably developed area in Copenhagen. Although the law prohibited further construction, the residents continued to do as they pleased, and the Christiania Law was never really put into effect. Instead, the Defense Ministry drew up a new agreement directly with the residents—an agreement that was periodically renewed until 2004. The ministry planned to demolish a large portion of Christiania's



No weapons, no hard drugs, no violence, no private cars, no bikers' colors, no bulletproof vests...

old factories, but these buildings were—and remain—the homes and businesses of the people living there, however unconventionally. Peaceful negotiations convinced the ministry to demolish only a handful of structures that were in an irreparable state of decay.

Christiania society rolled on, but its freewheeling nature did create some problems. Heroin addicts became somewhat ubiquitous in the 1980s. And while ganja sales could be made peacefully, biker gangs controlled the hash market. A few violent incidents led to the death of gang members as well as some innocent bystanders.

As a result, Christiania's residents created a set of rules to help keep the peace: no weapons, no hard drugs, no violence, no private cars, no bikers' colors, no bulletproof vests, no sale of fireworks, no use of thunderflashes and no stolen goods. The bikers eventually withdrew, but getting rid of the heroin was a harder problem. When the residents tried to give the police a list of smack dealers, the cops came and arrested hash dealers instead, in an attempt to destabilize the community. So the citizens of Christiania took matters into their own hands: They set upon the heroin dealers, ripped off their clothes, threw them into the street, and called the police to complain that naked people were running through town. All of the dealers arrested were charged with public nudity.

Despite having eliminated the violence and hard drugs, The Town discovered that the presence of a few peaceful, weed-smoking hippies still made many Danes angry. Copenhagen was expanding and had gained a reputation as one

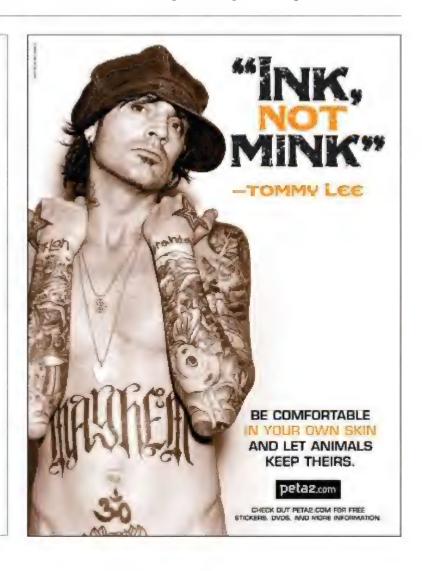


Marijuana is SAFER than Alcohol. Isn't it time we treat it that way?

The organization that legalized marijuana in Denver needs your help. Please contact us to get involved on your campus or in your area today! Take action now.

(303) 861-0033 mail@saferchoice.org

www.SAFERchoice.org



INTRODUCING
TRIMIT PRO - DRY TRIMMER
THE BEST DRY TRIMMER ON THE MARKET WWW.TRIMITPRO.COM

PROUDLY MANUFACTURED IN NORTH AMERICA

TRIM UP TO 7 UNITS/HR **8 POINT ADJUSTABLE TIL**

STAINLESS STEEL HOUSING

NEW CUTTING TECHNOLOGY EASY TO ADJUST/CLEAN



120V POWER 1.6 HORSE POWER

2.1 AMPS 350 LB TOROUE



TrimIT PRO is the next evolution among a generation of high volume dry trimmers. It's proven design and high quality materials combine to deliver higher quality trimming to your harvesting project. With a capacity of up to 4lbs this is the largest dry trimmer on the market. The stainless steel exterior provides a clean look in addition to durability for outdoor use. Double plexi shields with magnets ensure that the user remains safe during operation. Built in timer allows you to set the amount of time you wish to trim your plant material and when the timer turns to 0 the unit simply shuts off. Proudly manufactured in North America.



NEW CUTTING TECHNOLOGY This engineered polymer blade is extremely durable, corrosion resistant, has a low surface friction, and can withstand high impact. This blade also meets FDA and USDA guidelines so you can be sure your product will be trimmed safely for your consumers. Also includes a 304 Stainless Steel blade for added versatility.

EASY TO ADJUST TrimIT Pro features an 8 point adjustable tilt that makes it easy to adjust for optimal tumbling and the perfect trim. The removable barrel gives users the ability to clean the entire unit quickly & easily. Order at www.DLwholesale.com.

70 Green Light District High Times March 2016

of the world's most advanced cities. But a quasi-anarchist commune continued to exist right in its midst. Wealthy developers wanted to transform the area into a mixed-use zone comprising Christianites and newcomers who would reside in expensive condo buildings. The developers pressured the government to sign over the land, and the government passed a law that rendered Christiania illegal. Daily eviction notices and raids by police led to bitter protests. The land, and the essence of Freetown, was under siege.

Pia recalls it as Christiania's darkest time. I had to reassure myself that the story had a happy ending—even though I was standing right in the middle of the Freetown with friendly Pia by my side. (I must have been pretty high.) The struggle continued, she told me, with the hash market, in particular, coming under heavy pressure. The cops conducted frequent raids and made multiple arrests—but the price of hash never went up, and the dealers continued to sell openly in their wooden stalls.

In 2011, Christiania finally got its big break. The community collaborated with a legal firm and the Ministry of Defense to create a fund that purchased approximately 80 percent of the land. It The cops conducted frequent raids and made multiple arrests—but the price of hash never went up.



Pia shows us the rules.

borrowed 89 million kroner (more than \$13.5 million) and is slowly paying back the loan month by month. The residents and businesses of Christiania pay most of it, but you can also purchase a "share" for 100 kroner (about \$15), although it isn't an actual share—just a way of investing in the fund. I bought one myself, which means that *High Times* now owns a small (theoretical) piece of the Freetown

pie. Pia told me that a dim-witted venture capitalist once invested 30,000 kroner, only to find out that the shares are merely symbolic.

Freetown Christiania will certainly continue to evolve, but the good news is that it's here to stay. On the other hand, the Green Light District is still on shaky legs. The raids on the hash dealers of Pusher Street continue, although the illegal cannabis trade is now "tolerated" by the police, and an old "pusher hut" is on exhibition at the National Museum of Denmark, having obviously been deemed part of the Danish cultural patrimony, right alongside Viking rune stones and the Danish crown jewels.

Although the police are trying hard to discourage the dealers, I doubt they're succeeding. Even so, an open-air bazaar that serves a multimillion-dollar black market in cannabis and hash—with much of the latter imported all the way from Africa—remains a slap in the face to the Danish and European authorities. But this much is clear: After more than 40 years of fighting to continue its improbable existence, Christiania is one of the most interesting places on Earth—and it deserves a prominent place on every stoner's bucket list. **





GREENWOLF

2950 LOS FELIZ, LOS ANGELES, CA 90039 I

WINNERS OF

WINNERS OF

CANNABIS GUP

AWARDS



A BRAND NEW STORE SOON!









@GREENWOLFLOSANGELES



CALIFORNIA'S BEST COLLECTIVE FOR QUALITY FLOWERS & CONCENTRATES

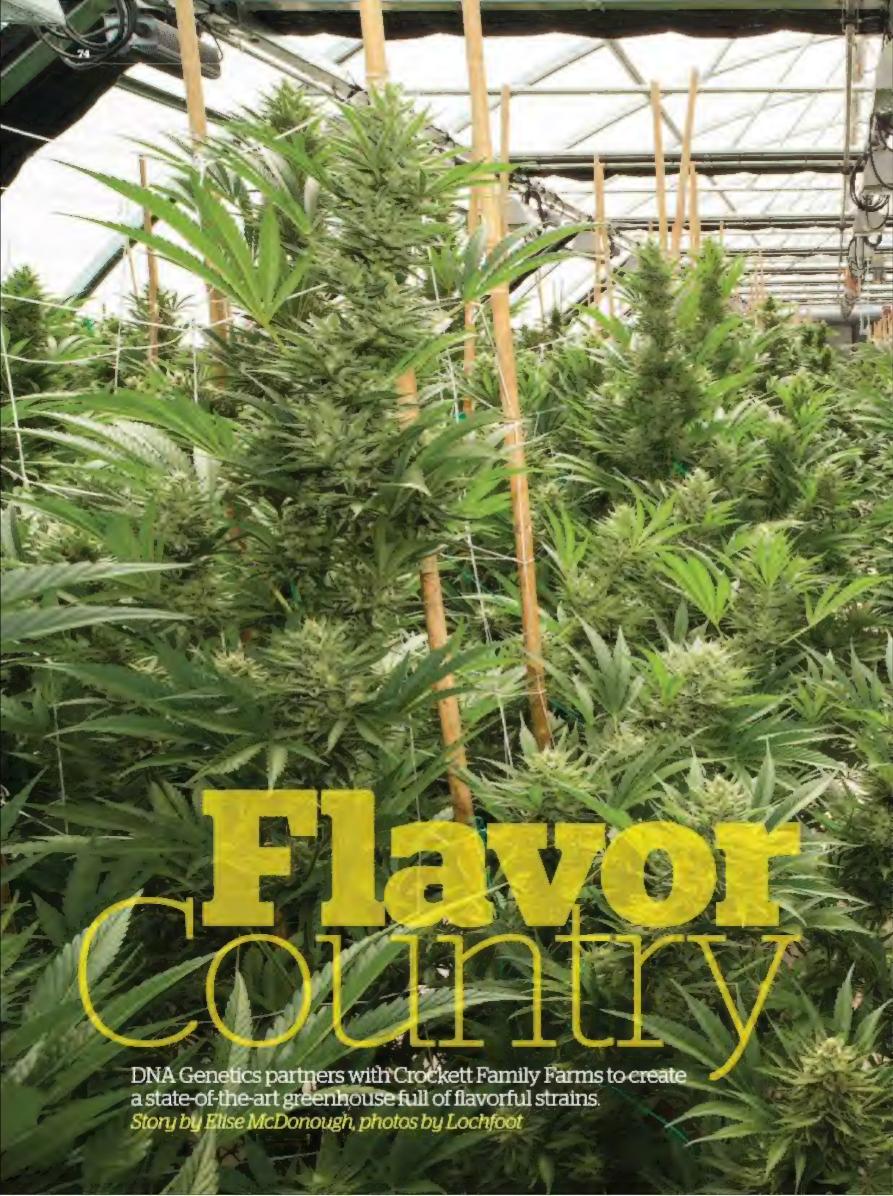
www.GREENWOLFCOLLECTIVE.com

OPEN EVERY DAY 10AM 8PM 2950 LOS FELIZ, LOS ANGELES, CA 90039 (323) 668-9390

OREGON LOCATION COMING SOON











Aaron is the co-founder of DNA Genetics, which was established in 2003. When I ask what he looks for in a partner, he replies: "You need to have a friendship—something more than business. Crockett is a genuine person, a true friend, and his family is very humble." Both men bring a sense of passion and purpose to their endeavors and have dedicated their lives to the cannabis plant.

"Cannabis growing is my joy," Crockett says about his experience cultivating, breeding, and amassing an extensive catalog of clone-only strains and exclusive genetics. Being part of the DNA Genetics family allows him to continue his work and ensure that his seeds are distributed around the world.

Terpene Farmers

Stepping into the greenhouse here is pure aromatherapy. Robust plants crowd the center aisle; as you push your way past them, different scents and flavors compete for attention. "Walking through the greenhouse is like walking through an orchard," Crockett says, giving me a tour of the various strains, which include Tangie as well as Strawberry Banana, Gorilla Glue, Lemon Skunk and various other crosses. The air fills with a dank citrus and overripe berry musk, perfuming our clothes and hair. Immersing yourself in these plants is intoxicating in its own right—but

Tangie's dominance signaled a shift toward strains with more flavor versus increased potency.

smoking their cured flowers is even better.

Crockett started developing Tangie circa 2009, and he was generous in sharing his work from the very beginning. Back then, the unique strain with its well-known zesty tangerine flavor was called Cali O, but it sadly faded from popularity as the OG Kush craze gripped local cultivators. But Crockett kept growing it, and after meeting the boys from DNA Genetics, a very portentous cross was created. DNA gifted Crockett with a citrus-based Skunk male, and the resulting Skunk x Cali O plants grew into the phenomenon known as Tangie.

In 2013, Tangie won top honors at the High Times Cannabis Cup in Amsterdam in the Seed Company *Sativa* category, which Crocket calls "an awesome, unbelievable experience." From there, the honors began to avalanche. "We won awards at the Cannabis Cup the same day as we won in Chile," he exclaims, recounting the Tangie fever that spread through the cannabis community in 2014—the year when the trendy strain took a whopping nine prizes at various competitions spread over several continents.

I first met Crockett and his wife in the backroom of the DNA Genetics shop in Amsterdam after their multiple wins that year, where we traded bong hits and talked terps. Tangie's dominance has signaled a shift in the preference of cannabis aficionados toward strains with more flavor versus increased potency. "Having the most powerful concentrate isn't necessarily better than something that you really enjoy smoking," Crockett points out. "You can take two dabs of something with great flavor and get just as high as one dab of a really powerful concentrate that might not taste as good."

It's one more harbinger of the increasing mainstream acceptance of cannabis and its ongoing transformation from illegal street drug to treasured quality-of-life enhancer. By way of analogy, wine connoisseurs aren't seeking the strongest, most stupefying alcohol content; they're seeking exquisite flavor and terroir and the best representation of the grape varietals, be it Cabernet or pinot noir, that the wine is supposed to embody.

To bring out the best flavor in your Tangie plants, Crockett recommends an all-organic nutrient base, though he notes that it can be successfully grown in hydroponic systems as well, where it will yield more—but without the most intense tangerine flavor.





First of its kind Portable E-nail PATENT PENDING





"It has a great, uplifting high," he says. "I like to smoke it in the morning."

Crockett smoked tons of Tangie (at least figuratively) while refining his various phenotypes. Starting with an extensive pheno hunt that involved hundreds of plants, he narrowed his selections down to 20 Tangie varieties that he worked with over the course of a year. Examining their subtle differences, he noted that some of the plants had the deep orange smell but not enough resin production, while others delivered larger buds without as much aroma. Almost all of them had the citrus background Crockett was looking for, but only a few had the ideal combination of yield, aroma, flavor, growth rate and resin production.

Today, Crockett works with three Tangie phenos, and his favorite, Crockett's Cut, is the one that's been winning awards so reliably. The other phenos make better solventless water hashes, so they're grown and bred for that purpose.

"The concentrate game has changed," Aaron notes. "Growers specifically grow for concentrates now." He advises hashmakers to cut the plants down a little early, when the trichomes are not yet amber but more milky and clear, to get a better terpene profile. Keep your hash and flowers out of the sunlight and away from heat to preserve the terps, and (as always) store them in a cool, dark, dry place.

Crockett's really been liking the live resin lately, since it's less work to produce—though it doesn't store as well as the hash made from cured, dry flowers. "Consume it quickly—the faster the better—as it will change over time," Aaron notes. "Fresh-frozen makes great water hash, but it doesn't last too long."

Fortunately, the live resin created from Tangie plants is so delicious that long-term storage is rarely an issue!

Designing the Smart Greenhouse

Months after our meeting in Amsterdam, I visited Crockett's booth at the San Bernardino Cannabis Cup, where I heard about his next big project: creating the perfect growing environment for his prized strains. Working with DNA and other sponsors, Crockett envisioned a smart greenhouse that would respond automatically to changing environmental conditions, and he started construction on the project in November 2014. The greenhouse was prepared for its first crop around April 2015—so when I visited in July, those plants were nearly ready to harvest.

A true collaborative effort, the







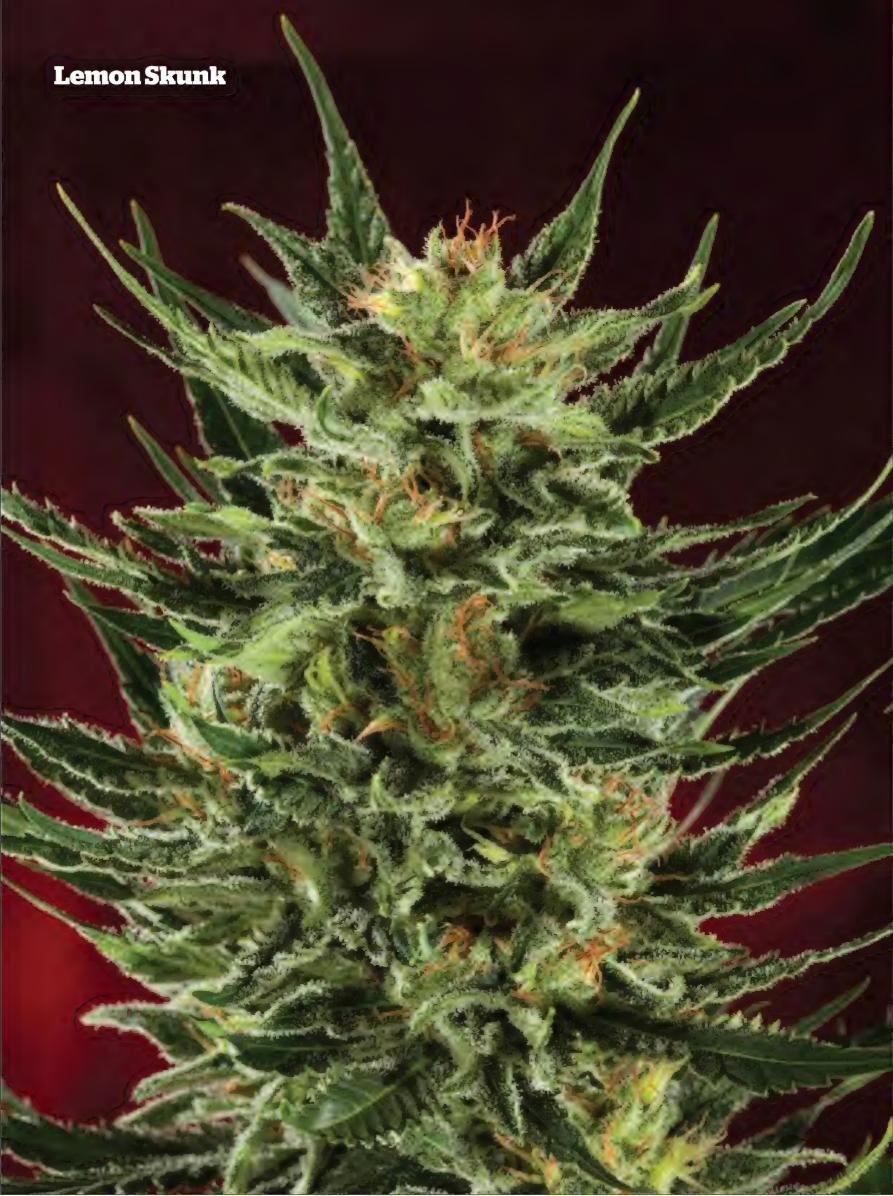
greenhouse was made possible through the friendly relationships that DNA Genetics has fostered with the manufacturers of lighting, grow tech, nutrients and supplements. "These companies are excited to be working with DNA and Crockett," Aaron explains. "They're thriving because of our backing" on DNA's various social media platforms, where an endorsement of a lamp or nutrient leads other cultivators to seek out those items. It's not just about getting free products, as Aaron makes clear in his typical straightforward style: "We have experience with these companies. When we say we believe in a product, people want to know why, thinking, 'They must be using it because it's good."

Sponsored by SolisTek, Mills Nutrients, Myco-Fusion and Vital Garden Supply, the Conley 1300LD MT Series greenhouse has a number of fascinating features, including thermal floors, a built-in weather station and an automatic light-deprivation system. The growing environment is monitored through an incredibly sensitive Agrowtek GC Pro controller. "If you fart in our greenhouse, the side walls will go up and the ridge vents will open," Aaron jokes. "The fans might even go on, too."

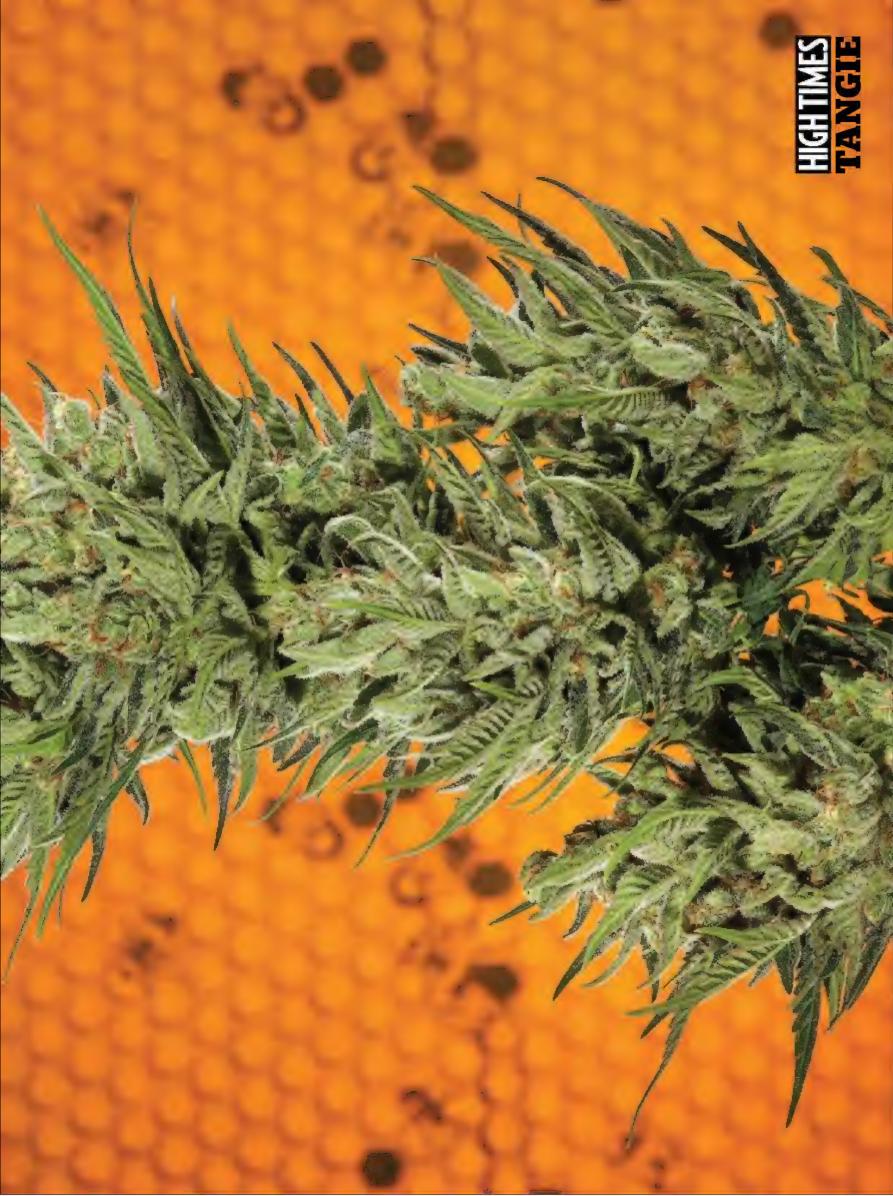
Crockett explains that the controller works as the greenhouse's automated brain, with programmable features that control the temperature and humidity, keeping environmental conditions consistent for optimal plant growth. When the weather station senses temperatures reaching 76°F, the controller opens the ridge vents 10 percent. At 77°F, the vents will open another 10 percent, and the side walls slide open 20 percent. As the sun continues to beat down and the temps climb to 80°F, the fans come on and the walls and vents open wider. "Especially in the morning, when it's going from cold to warm, you can see it working," Crockett says. "The plants are thriving, even on the coldest and foggiest days."

The automatic light-dep system is the most technologically advanced aspect of the project—"a greenhouse inside a greenhouse," according to its designer and builder. The 11 panels travel 11 feet apiece, slowly moving on tracks until the greenhouse is completely plunged into darkness. "Even during a full moon," he adds, "it will close."

(Top) Aaron, co-founder of DNA Genetics, with Crockett, "his brother from another mother." (Middle) Tangle has dominated cannabis competitions due to its unique fruity flavor. (Bottom) Strawberry Banana could be the next big sensation from Crockett Family Farms.









Made in Grass Valley, California,
the BLADELESS TRIMMER™ is the newest
innovation in a growing industry.
It's faster, the finished product looks
better and there's virtually no clean up!
The BLADELESS TRIMMER™ is the perfect
addition for your business,

from industrial-sized shops to home-growers.



This is a 100% DRY TRIMMER and will not cause hay smell that you often get from other trimmers. True perfection!!

- NO CLEANING NECESSARY
- NO OIL IN YOUR SHAKE
- EASY TO DISASSEMBLE FOR STORAGE

REVOLUTIONARY!! Trims up to 18 lbs. in just ONE HOUR!!

- Marine grade 15-year nylon netting
- Marine grade 15-year zippers
- Powder coaled steel and a durable variable speed,
 - variable direction motor (One year warranty on motor)

www.BladelessTrimmer.com

- DRY TO SNAPPING
- CHUCK BUDS DOWN











BLADELESS TRIMMER"

100% FINANCING AVAILABLE

Visit us online to see the BLADELESS TRIMMER[®] in action!!

Order today and take advantage of special introductory pricing!!

ENTER CODE: HIGHTIMES420 at checkout to receive \$50 mil.

The BLADELESS TRIMMER[®] - Revolutionizing the industry!!

Photos & Ad designed by: ET & JAMESON STEPHENSON

SEAN DIAMOND

There are also a number of emergency protocols designed to protect the plants. If the weather station detects high wind speeds, the side walls and ridge vents shut and the fans go on, preventing damage to the crop. If it's raining outside, the vents will close, keeping water off the lights.

Measuring 30 feet wide, 120 feet long and 14.5 feet high, the greenhouse is ventilated by two Schaffer 48-inch exhaust fans and six Schaffer 20-inch HAF fans. Forty-five lights combined with SolisTek ballasts and Max 56 hoods deliver the right amount of light when the sun's not shining, while the thermal floors help keep root systems comfortable throughout the night. "Heat rises, and the plants respond a lot more to floor heating than regular heaters," Crockett explains. "Thermal floors heat gradually and keep entire root systems warm."

While the crew hand-watered the first crop, additional automated systems will come online for the next harvest, including daily water and nutrient delivery. Sections of the greenhouse can be programmed for specific strains, enabling customized fertilizer regimens. "For example, LA Confidential, all the way through veg and flower—the dosing system knows exactly what to give it at what time," Crockett says,

"The controller works as the greenhouse's automated brain, with programmable features that keep environmental conditions consistent."

discussing how the various strains can be linked to multiple nutrient tanks.

With so much automation, do the gardeners risk putting themselves out of work? "If you're a madman, you could do it all by yourself," Crockett replies. But, realistically, it's best to have a staff of three tending the plants and maintaining the systems. The Agrowtek controller can manage up to five separate facilities, and Crockett's long-term vision involves a complex of several identical smart greenhouses. Eventually, there won't even be enough space to land a helicopter!

Next Best Thing

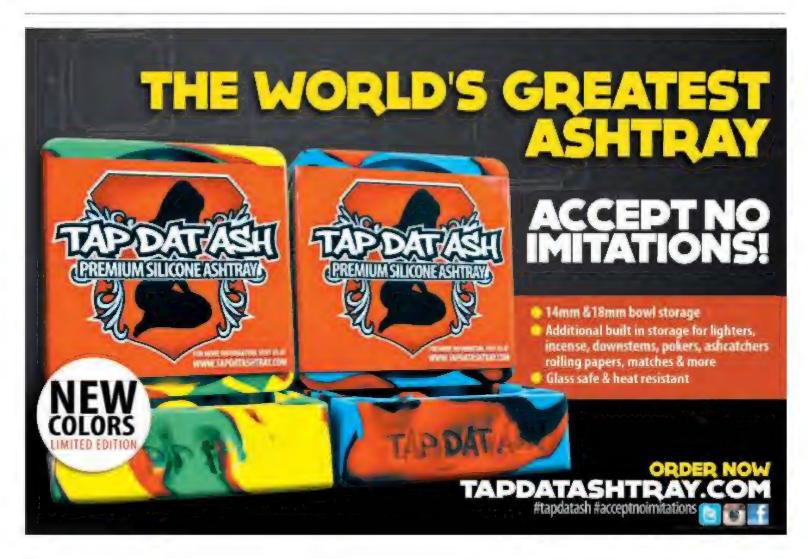
When we sat down to talk, Crockett treated us to a taste of some experimental phenotypes currently in development, like the Clementine #5 and #10, with a deep orange flavor and aroma. "I think flavor has

eclipsed potency," Aaron says. "Everything gets you high, but not everything tastes great." Developing strains that rely on flavor is another way to shape the plant to match the preferences of passionate connoisseurs. "We breed for ourselves," Aaron concludes. "I thoroughly enjoy cannabis, and so I always want the next best thing."

And that "next best thing" just might be Strawberry Banana, a Bubblegum and Banana OG cross with an intense, fruity flavor and aroma, which has the potential to become another game-changing strain. "It's *frosty*," Crockett says appreciatively. "You can make really good solventless with Strawberry Banana, but it doesn't yield as much as Tangie."

As the cannabis industry changes and grows, Aaron and Crockett agree that it can be difficult to stay focused. Although the custom greenhouse is a huge achievement, both men want to continue to specialize in developing genetics and breeding seeds. "What I love most is making these strains," Crockett affirms, while Aaron agrees that it's important to focus on what you do best rather than trying to do everything.

"Very few times in life can you ride a wave like this," he says. "The dreaming isn't over for either of us." *





ANYONE_ANYWHERE . ANYTIME



The Purest Atmos Yet

100% Ceramic Body & Heating Element



1 have been using Atmos since day one 'The Kiln' is the BEST! It is my go to on the road, but makes a great home piece. ?? AJ - MR VEGAS, CONCERT PROMOTER & TASTE-MAKER.

Kilni



Patent Pending

. i30 i50

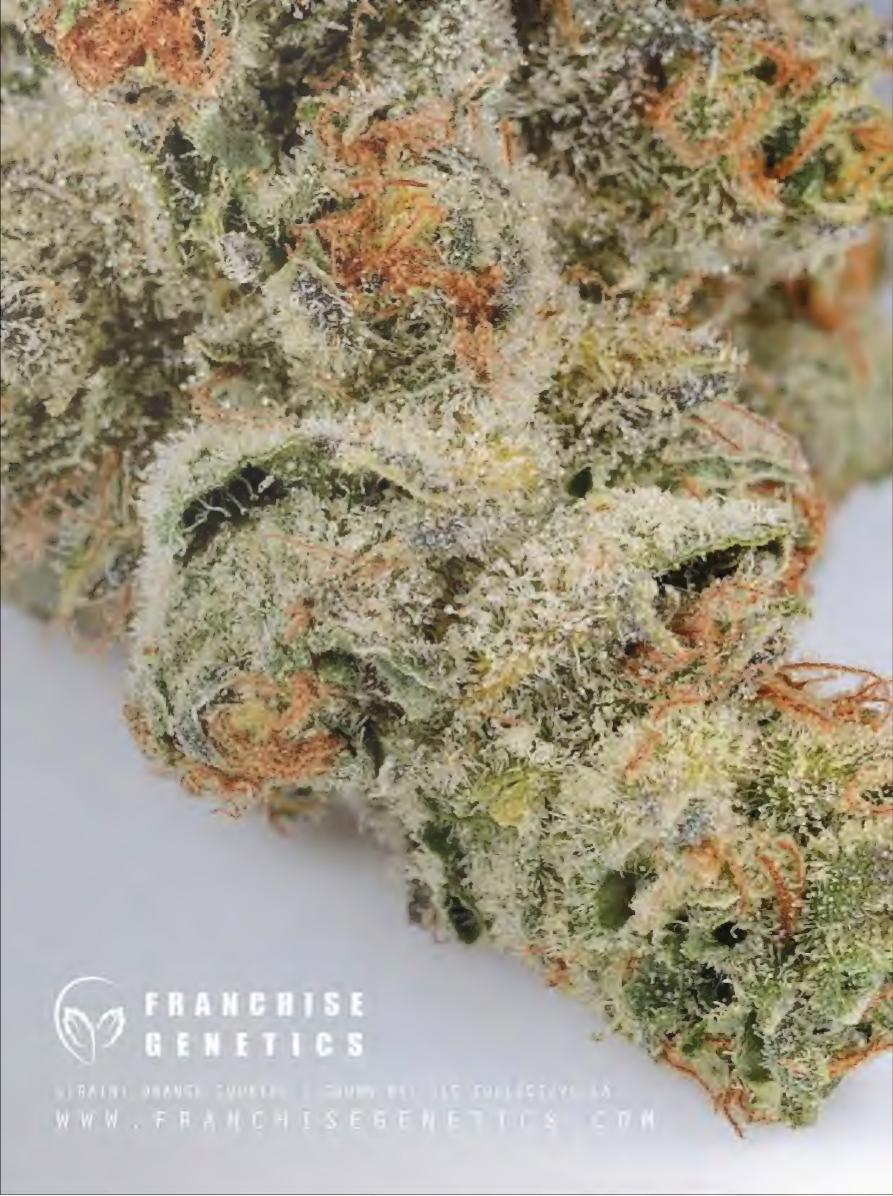


The Kiln is a powerful sub-ohm heating attachment that uses a pure ceramic body and advanced ceramic heating disc to evenly vaporize your waxy products. It works perfectly with all box mods (shown left), temperature control mods and most batteries to produce one of the most satisfying and pure tastes of any vaporizer available.

855-442-8667



www.AtmosRx.com





POWERSI IS THE ORIGINAL PATENTED FORM OF STABILIZED, BIO-AVAILABLE SILICIC ACID FOR CROPS. IT IS A PROPRIETARY MIX OF NATURAL MICRO-ELEMENTS SUPPLEMENTED WITH ORTHOSILICIC ACID (OSA) & AMINO ACIDS. IT IS PURE, HIGHLY CONCENTRATED, WITH FAST VISIBLE EFFECTS.

W W W . P O W E R 5 I L I C I C . C O M

abscent

THE MOST POWERFUL ODOR-EATING BAGS IN THE WORLD.

DOUBLE-LAYER SEAMLESS CARBON LINING, DURABLE EXTERIOR.



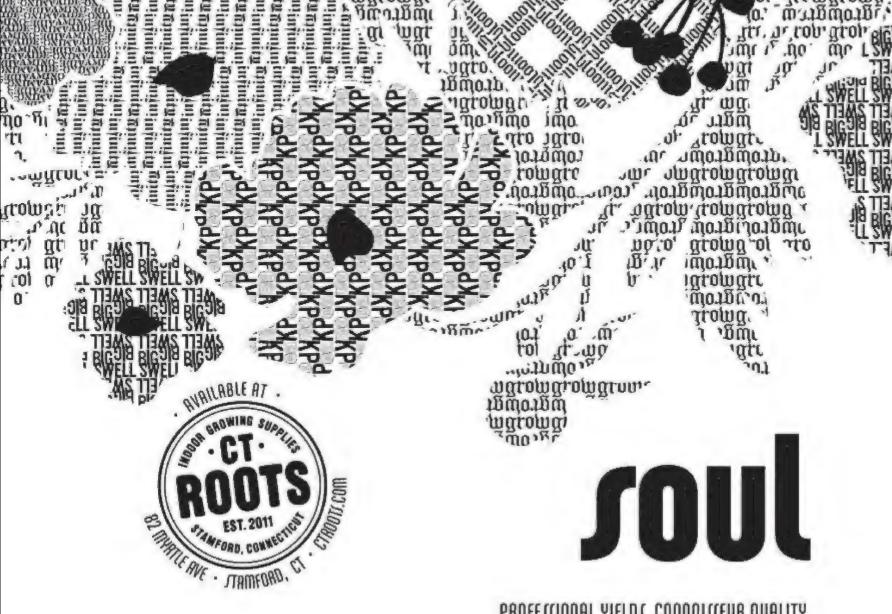








W W W . A B S C E N T D E S I G N . C O M



PROFESSIONAL YIELDS. CONNOISSEUR QUALITY.

Soul brings it all together. A premium plant nutrient with added organics, Soul provides your plants with the best of both worlds. WWW.SOULYIELDS.COM





Michigan's March to Legalization

Medical cannabis has been legal in Michigan since 2008. But ever since the law's passage, caregivers and patients have been targeted by law enforcement. Now the state's marijuana movement says it's time to legalize the plant—completely. Story & photos by Dan Skye

t's a quiet Sunday morning in September, with the rolling farmlands of Michigan stretched out all around me. A light wind scents the air with an early fall fragrance. This is my third stop on the harvest trail, after travels through the grow scene in Northern California and Colorado.

Darryl Berry is giving me a tour of a few medical marijuana gardens that he and other Michigan growers have been collaborating on, sharing costs and genetics. Pursuant to state law, they are all registered as legal caregivers.

Cali and Colorado have got nothing on the Great Lakes State. A skilled outdoor grower in possession of great genetics, and who cares deeply about his crop, will find success pretty much anywhere—but especially in Michigan, with its 10 million acres of farmland.

The gardens here are surrounded by fort-like fencing. Rows of robust pot plants glisten with trichomes. Each operation is completely transparent: All of the legal paperwork is in order, and neither Berry nor any of his colleagues have exceeded the state-specified plant counts.

Berry has been visited regularly by State Police narcotics task forces since he started growing in 2012. In fact, in both 2014 and 2015, he invited *them*. Both times the police declined, saying it was unnecessary. This past July, he even requested that they cease their helicopter flyovers, which had been disturbing his neighbors. As they were already aware of his garden, he argued, it made no sense.

Suddenly, the Sunday-morning quiet is punctured by the sound of a plane circling above us. All eyes look up. Everyone 90 Michigan's March to Legalization High Times March 2016

agrees that it's probably just a flying instructor with a student, using the empty skies for a few practice maneuvers.

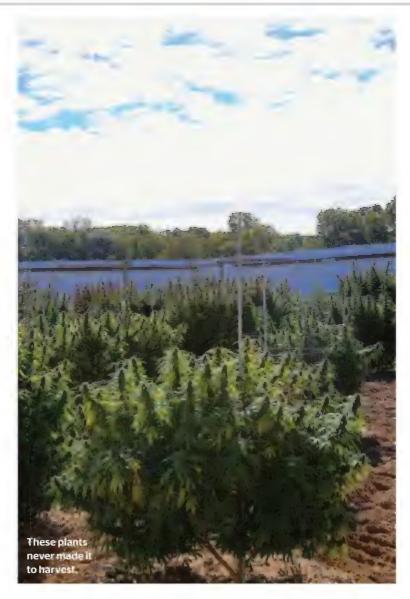
Unfortunately, we couldn't be more wrong. Less than 24 hours later, a western Wayne County and State Police task force consisting of 40-plus cops swooped down on all of the gardens. They used tow trucks and semis to haul away the plants, and they also seized the growers' personal possessions, in that scourge of legal thievery known as "asset forfeiture."

Asset forfeiture is a tactic used by law enforcement to punish those arrested not only for drug crimes, but for any serious criminal offense. Originally designed as a way to target organized crime and large-scale drug traffickers, asset forfeiture has become, in Michigan and elsewhere, the preferred way for law-enforcement agencies to fund themselves.

Michigan law specifies that forfeiture funds be used to "enhance" police activities. All property of value is seized, regardless of how minor or major the offense actually is. In 2013, the net proceeds in Michigan exceeded \$22 million.

Naturally, that creates incentives for cops to pursue forfeiture more vigorously than actual criminal activity. In fact, it's estimated that property and assets seized from medical marijuana growers comprise as much as 70 percent of Michigan's forfeiture funds.

In Berry's case, the growers had their vehicles, computers, phones and televisions seized, despite the fact that the cops from previous visits—the ones who had stated that the gardens weren't illegal—were part of the raid. Their bank accounts were looted, then frozen. Passports, credit cards and patient-information files were confiscated. Now it's up to the growers to go to court and recover their property, which is difficult considering that they have no money or assets left to use in hiring lawyers.



It's estimated that property and assets seized from medical marijuana growers comprise as much as 70 percent of Michigan's forfeiture funds.

Berry, his wife and their two sons were interrogated in four separate locations. His family was released from jail the next day, but Berry spent three days behind bars. Upon his release, he received a copy of the search warrant, which had been "unavailable" during the raid. Now he has a simple question: "How can this be possible when medical marijuana has been legal in Michigan since 2008?"

It's a question that Jamie Lowell and Rick Thompson have been asking as well. They're both influential activists. Lowell, a dispensary co-owner, was formerly a licensed real-estate appraiser. When the market tanked in the 2008 recession, he and his co-workers sought a new direction—one that coincided with the passage of Michigan's medical marijuana law.

"I was already in tune with the idea

of it as medicine," Lowell says. (He uses medical cannabis to ease the effects of fibromyalgia.) "But some of the guys weren't at all. They liked the idea of the opportunity, though."

One of Lowell's main clients, Darryl Stavros, was living in a building in downtown Ypsilanti. Today, that building is home to the 3rd Coast Compassion Center.

"It was a central location for facilitating what the point of the Medical Marijuana Act was," Lowell says. "We started operation in the summer of 2009, and the town of Ypsilanti worked with us. They asked a lot of questions, visited some gardens and did research on their own. They consulted other organizations and groups, and they decided to make an ordinance that would allow for dispensaries. There are now seven here, and we've been getting licensed regularly since 2011."

Some early partners came and went, but Lowell's strong connection to the plant propelled him into the ranks of the state's cannabislaw reform activists. "I ended up slipping into the role of handling press," he says. "I guess I was kind of naïve—I believed that everybody would look at this act as a great opportunity,

like we did."

But the anti-pot opposition soon went to work mounting strategies against the act. Lowell's dispensary ended up joining forces with different organizations and even started the Michigan Association of Compassion Centers to offer mutual support.

"Things just exploded," Lowell recalls. "We responded to what needed to be done. We wanted to utilize this act, make it more functional and yet be within its spirit. We wanted to satisfy other good things, like the economic development of a city—utilizing buildings, creating jobs and drawing people to an area."

Most tales from the annals of medical marijuana in Michigan aren't as upbeat as the 3rd Coast saga. For example, Rick Thompson once managed a chain of





100 PRE ROLLED CONES IN 2 MINUTES



92 Our Land, Our Choice High Times March 2016

Midwest furniture stores, but he decided to move into the medical marijuana industry after his best friend, Rick Ferris, started the first of five Big Daddy dispensaries in Oakland County. The two founded the *Michigan Medical Marijuana Magazine*, with Thompson as its editor. Eventually, he became part of the dispensary hierarchy.

But in 2011, the Big Daddy in Oak Park

freedom has been taken, even after we gained the support of the public for a law. I'm angry that so many different jurisdictions have ignored the plain language that's written in the act, and interpreted it so that people who are supposed to be protected are vulnerable. I'm angry about all of the children whose parents have been put through the [legal] system, and the stigma that

two. According to Michigan State Police data, arrests for possession or use jumped 17 percent between 2008 and 2014—even as overall arrests dropped by 15 percent. Of the 20,483 marijuana arrests in 2014, 86 percent were for possession or use, with young people bearing the brunt: 43 percent of those arrested were between the ages of 18 and 24. Furthermore, African-Americans were three times more likely to get busted.

Adding to this war on state residents, the Michigan State Police laboratories have been accused of falsely reporting marijuana as synthetic THC, essentially bumping a misdemeanor charge up to a felony.

Lowell and Thompson are both heavily involved in the efforts to bring an end to this hideous era, during which unscrupulous politicians and law-enforcement officials have defied and denied the will of the people. Specifically, state activists have mounted the MI Legalize campaign, a sweeping proposal to legalize all forms of marijuana use for adults 21 and older, including topicals, oils and tinctures. The initiative authorizes a framework for a licensed cannabis economy, but it also allows adults to cultivate up to 12 plants. Most important, it removes all criminal penalties for the cultivation, possession and distribution of marijuana, with the exception of sales to unauthorized minors.

Lowell is confident that the MI Legalize initiative will appear on the 2016 ballot. "Funding has been generous, and our signature-gathering events have been terrifically successful," he says.

Meanwhile, the unjust status quo continues. State Attorney General Bill Schuette has opposed the Medical Marijuana Act since his election in 2010, and his office has encouraged the prosecution of cannabis-industry members. A representative of the AG's office was even present at the raid on Darryl Berry's garden.

Schuette has long contended that dispensaries have no legal right to exist, which has resulted in a sharp drop in their numbers since the heady days following passage of the act. Because the original initiative didn't actually address the issue of dispensaries, and subsequent court rulings have only succeeded in confusing everyone, dispensary owners must rely on tolerant city governments and local law enforcement to stay in business, as in the case of 3rd Coast Compassion.

Rhory Gould has run the Arborside dispensary, one of several in Ann Arbor,



"We've done our best to mitigate the gray areas in the law as we understand them. But, obviously, law enforcement is freer to interpret those meanings."

was raided, resulting in criminal charges that were filed nearly a year later. Then a second Big Daddy location, this one in Chesterfield Township, was sued by local officials as a public nuisance—a lawsuit that the state attorney general's office, led by Bill Schuette, an outspoken foe of medical marijuana, also joined. The legal attack resulted in the closure of all of Big Daddy's dispensaries, and Ferris ended up serving two years in jail.

"I'm angry," Thompson says of the whole ordeal. "I'm angry that Michigan has missed out on the opportunity for economic success. I'm angry that people's their kids will carry the rest of their lives. I'm angry that young people get criminal records for non-violent, victimless offenses, which stick with them forever, and then are denied opportunities to be successful in life due to educational losses and discrimination in the workplace. I'm angry about *all* of that."

And Thompson has every reason to be: Ever since the Medical Marijuana Act was passed by a majority of Michigan's voters, pot arrests in the state have spiked. Check out these sobering stats: The number-one criminal conviction in Michigan is prostitution; marijuana is number



Buddha

KRAKEN

Superindica Monstrous in all its aspects It is not a myth It is Real

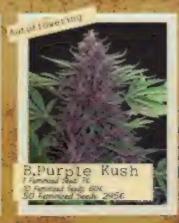
1 Feminized Seed 8.00€ 10 Feminized Seeds 70,00€ 50 Feminized Seeds 290,00€







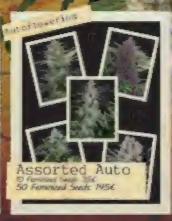














AND NOW REGULAR TOO.



COMING SOON ALL OUR VARIETIES WITH NEW PACKAGING 3 SEEDS

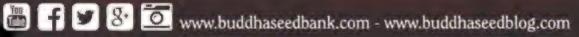


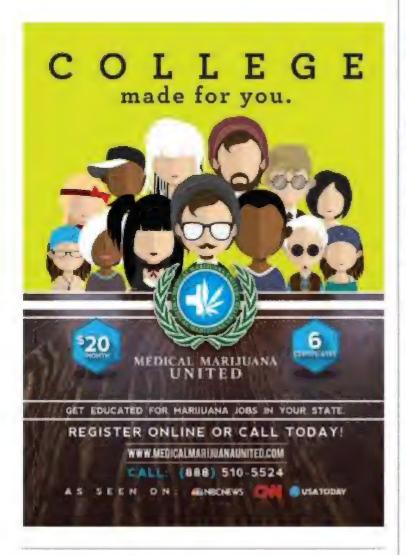












Rooster Apparatus

The Original, Patented Fritted Disc For Smokers!



Laboratory Proven: Safer Smoke www.roosterapparatus.com

Vendor inquiries welcome.



Rhory Gould of Arborside feels safe, but raids do concern him.



Rick Thompson and Jamie Lowell discuss strategy.

since 2011. "We passed these laws," he says, "and immediately the politicians went to work tearing them down. For seven years, we've been operating in a gray zone. But I have to admit, I feel pretty safe in Ann Arbor. The city has been supportive. But with no dispensary laws at the moment, it's been our responsibility to hold ourselves to higher standards. Still, getting raided is always in the back of my mind."

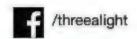
Josh Keasler heads up Skunkwerks in Michigan, a nutrient company that relies on ingredients developed a century ago by Dennis Hoagland and Daniel Arnon, two professors at the University of California, Berkeley.

"Our formula is comprised of organic, technical-grade elements," Keasler explains. "Technical-grade elements are those with zero impurities that can be used in laboratory settings and are completely controlled from top to bottom."

Keasler also consults on 20 grow ops, indoors and out, in Michigan and elsewhere. "We've done our best to mitigate the gray areas in the law as we understand them," he says. "But, obviously, law enforcement is freer to interpret those meanings"—which has been bad news for growers like Darryl Berry.

"Since 2008, we've tried to operate professionally and move forward without clarification from our legislature," Keasler adds. "And we still haven't gotten it. Large-scale growers need guidance. The issue of transportation needs to be addressed. I'm totally behind MI Legalize, because the people of Michigan want this!"

One final note: As we go to press, Darryl Berry still hasn't been charged, and his business—and life—remain upended. **



Get the #1 gift for the cannabis grower in your life!

THREE A LIGHT®



A step-by-step book on exactly what you need to know about growing cannabis indoors.

www.ThreeALight.com

ANNOUNCING:

INVENTION + INNOVATION = ASTOUNDING GROWTH

The revolution is in the growing method, the innovation is in the business management system, the outcome is incredible performance.

With 36 years of development and 5 years of testing in commercial production, an entirely new hydroponic system has now arrived. This winning concept is: a patent pending revolutionary indoor horticulture design and a perpetual harvest business system, that changes the industry forever.

Incredible yields, in less time, with fewer people.

PLUS: Perpetual harvesting.

This patent pending system is designed to eliminate the introduction of all soil-born pests, and remarkably allows for:

- 1) More nutrient usage
- 2) The most intense lighting
- 3) The highest level of root aeration in the industry

The HyGroCage™ is a 10' x 7' controlled micro-environment, containing a complete growing system, with a 5 cage, 10 light rack of 350 sq. ft. of canopy, containing 100 plants. This modular design allows you scalability to any size farm. Multiple rack systems, with our management process, can generate every other day harvest.

Harvest cycle is revolutionary, the shortest vegetative growth cycle in the industry. Harvest can produce per plant, 3.0-4.0 oz, all soil born pest free. Data based upon 502 production processor over one year, for specific strains. [See *HIGH TIMES* October '15 issue, pgs 74-84].

DO THE MATH....!

A GROWING REVOLUTION

HOW CAN YOUR OPERATION PARTICIPATE? EASY...!

You can have a locked-in place in the delivery que, with 50% payment. On delivery, we will set up at your operation, and provide the teaching for your on-going production.

[NOTE: We require compliance proof with your state codes]

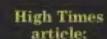
Terms are available.

We will offer a 5-year purchase agreement.

We are pleased and most excited to make this revolutionary patent pending system available to the highest quality members of the growing community.

- The growing team at botanyunlimited.com







Marijuana Venture



Botany Unlimited Design Systems

2505 N. Commercial Ave Pasco, WA 99301 Ste. A

sales@botanyunlimited.com











Contact: Katie Rains 509-380-6605



CELEBRATING AU YEARS EZGRO MUSHROOMKIT The Easiest way to grow your own mushrooms
www.homesteadbook.com **Compost Which** Equals 60%

BUY YOURS TODAY !! EZ Grow Mushroomkit Just \$135

(price includes shipping)

The EZ Gro Mushroomkit

Includes everything you need:

- Psilocybe Cubensis spores
- Grain bag
- Our world famous blend of Kow-A-Nite Compost in its own filtered growbag.

Only TWO EASY steps

- 1. Mix the grain and Psilocybe Cubensis spores together without ever having to open the sterilized bag.
- 2. Once the grain has been colonized, mix it with the bag of compost.

That's all there is to it!

- Put the kit in a warm place
- · Wait a couple of weeks for your mushrooms to start growing.
- No need to water it or even look at it.
- Just go away and leave it alone
- The mushrooms grow automatically.

It's that simple!

We include:

 Complete instructions with color photos

PLUS:

- · A free DVD shows everything you need to know
- Awesome videos of mushroom farms in Holland

For more photos visit www.Facebook.com/HomestaadBookCompany . Order Toll Free TODAY at 800-426-6777

- 2-step grow-it-yourself kit includes Psilocybe cubensis spores and shipping. Sorry, not sold outside the USA.
- The Mushroom Cultivator \$40 The biggest and best book ever published on growing mushrooms, 400 pages, color photos.

Order Toll-Free at 800-426-6777 or online at www.homesteadbook.com/mushroomkit or mail a check or money order to PO Box 17444, Seattle WA 98127.

Checks take longer to process than money orders. Sorry, no COD.

ddress		Apt.
ity	State	Zip

March 2016 High Times

Hail to the Chew!

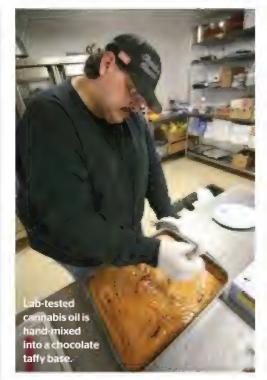
The industry's leading edibles company rolls out a recreational line of treats. By Samantha Nicholas



awe. I visited the Heinz factory in Pittsburgh on a sixth-grade field trip, and the memory of swimming-pool-sized vats of mustard and ketchup bottles on an interminable assembly line remains with me still. Whether it's a foundry, factory, brewery or bakery, serving a huge customer base requires sophisticated automation.

The cannabis industry has reached the point where it, too, has embraced the technology of mass production—and while it's not on the scale of Heinz (yet), the new era of machinery designed to help legal cannabusinesses thrive is definitely here.





Infused recreational taffy is being deposited into 10mg cavities

I'm standing in the industrial kitchen of Cheeba Chews in Denver. It's nothing like a conglomerate's food-processing plant—perhaps a mere 25 by 25 feet, with a couple of small offices situated adjacent to the action.

But you should never judge a kitchen by its size. Cheeba Chews is America's—if

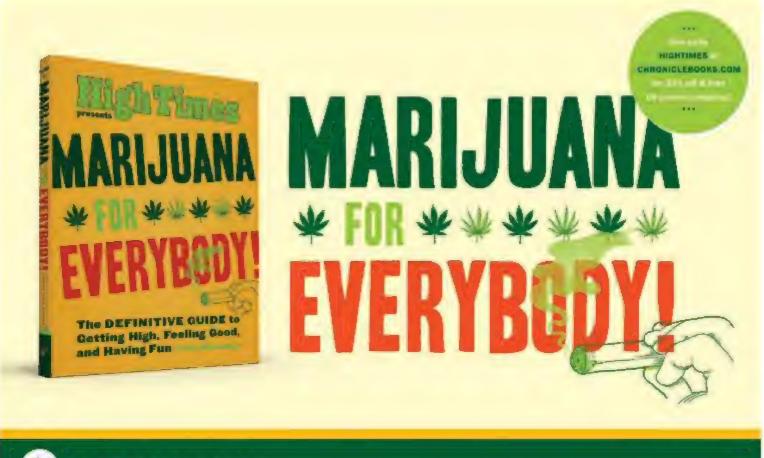
not the world's—leading brand of cannabis-infused candies, available in medical dispensaries in California and Colorado, as well as in the latter state's 300-plus recreational cannabis shops. These days, across its licensed entities, more than 50,000 Cheeba Chews candies are produced every week.

These days, across its licensed entities, more than 50,000 Cheeba Chews candies are produced every week.

The brand got started in the personal kitchen of CEO James Howler in 2009. As Colorado's cannabis industry was taking root, Howler noticed serious flaws in the production of edibles: There was no consistency in dosages, which meant that consumer trust was shaky. A licensed medical grower, Howler had access to plenty of trim, which he'd been selling to dispensaries. But the void in the area of cannabis edibles pushed him into the kitchen instead.

Medical marijuana patients are thankful for these discreet, professionally packaged candies (nothing about a Cheeba Chew screams out "Pot!"), which are made with a blend of either *indica*- or *sativa*-dominant strains. The premium cannabis oil used in the company's recipes is tested at three different stages—the harvested flower, the oil and the edible itself—to ensure a consistent experience for every Cheeba chewer.

Howler cites the company's core







VOTED #1 MOST TRUSTED LED GROW LIGHT BRAND

LIFETIME LIMITED WARRANTY AND 90 DAY RISK FREE TRIAL



XML 650

THE NEW XML 650 SINGLE CHIP USA MADE

10w CREE XM-L2 Chips - The largest single chip LEDs of any LED grow light on the planet. Replaces a 600w HPS and many customers are even replacing 1000w systems in commercial greenhouses.

As a professional grower, many options are available to me. The AdvancedLED XML 650 allowed me to replace all the HIDs in my grow room. My plants doubled in health and size since doing so, with quality of the final product increased ten fold. I recommend them to anyone serious about growing anything from vegetables to medicine! — Richard

SEE OUR LAB RESULTS AdvancedLEDLights.com/labresults

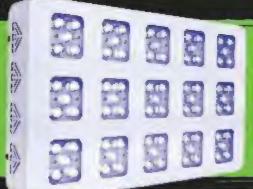
XTE 300

THE ALL-NEW XTE 300 WITH TRUE USA 5W CREE XT-E LEDS

Building on the success of our flagship Diamond Series, our new XTE series uses the cutting-edge design and materials from our USA partners and suppliers to create the highest level of performance available anywhere. With hundreds of hours of research in the Advanced LED Lab this light has proven to beat over 15 different contenders including the original Diamond Series.

I think anyone considering getting LED's would be more than happy with picking up some of these XTE LED grow lights by Advanced. They definitely I believe set the bar up a notch in the industry:) ~ Pete/Icemud





EX-VEG 300

HE NEW THE WAR SHE SWIXT-E LEDS PRODUCE EXTREME VEGETATIVE RESULTS , GUARANTEED

Get maximum yield without heat issues, high electricity costs and bug problems that you get when using HID lights. Extreme Veg LEDs provide the unique blend of color that make plants grow extremely fast and produce such fast growth.

I applicant 2. At a fault is to not consumer at a reliconduct of warth and extensive 200 were veg lights.

I regetting twice the proof of and highly the compact of minor with less than held the power light ordered the more than a three decreases. —Nate

Discount Code: HIGHTIMES100FF

Call Us:1 800 401 6307

WWW.ADVANCEDLEDLIGHTS.COM



102 Hail to the Chew! High Times March 2016



values: "We make sure we provide a consistent edible that consumers and budtenders can rely on. Plus we go the extra mile in testing and preparation to ensure that Cheeba Chews maintain a high level of potency. People know they're getting an edible product that will provide relief anytime, anywhere necessary." Cheeba Chews come in a variety of flavors and

doses, with the dosage listed prominently on each Chew. (A non-psychoactive Pure CBD Cheeba Chew is also available.)

Looking at the company's success, it's a bit surprising to hear that Colorado's transition from a medical to a recreational-use state caused Cheeba Chews a moment of pause. "Our initial decision was to hold off before jumping into the recreational

"The company has grown organically. Entering the recreational market in Colorado has brought growth and structure to our business."

market," Howler says. "It allowed us to take a look at how the industry was going to be impacted. We've seen it take on a major transformation: Not only do recreational products now need to be secured in child-resistant packaging, they also must be provided in 10 mg, single-dose increments. Soon, manufacturers will be required to mark products for identification beyond packaging."

Those safeguards reflect the concerns over edibles on the recreational market—specifically, the possibility of accidental ingestion or overconsumption. "We wanted to make sure Cheeba Chews not only addressed those concerns," Howler explains, "but showed that our industry can solve these issues without additional regulations."

To do so, the company hired an engineering firm to help build a customized "depositing" machine—one that could









handle the viscosity of Cheeba Chew's taffy while still measuring out and inserting the correct dose. "Once we fine-tuned the depositing process, we had to reinvent our packaging," Howler continues. "So we designed a multi-dose package that allows the depositing machine to pour infused taffy chews into single 10 mg-dose cavities, which are then securely sealed for freshness. This packaging

helps a consumer quickly find their optimal dosing level by ingesting one 10 mg Chew at a time."

According to requirements, each cavity is also marked with a "10 mg THC" imprint. So when a Cheeba Chew is popped out of its package, a very clear stamp remains to remind consumers of the contents.

"This was a large overhaul for our

brand on the recreational side," Howler admits. "But we've made sure to keep our successful medical products intact, in the same way they've always been provided."

Cheeba Chews' success has enabled the company to expand, including a new line of caramels, the mixed-fruit Green Hornet gummy and the Dabba mint chocolate. But even with its meteoric growth, as well as the ever-increasing interest that the cannabis industry has been receiving in general, Cheeba Chews remains privately owned and 100 percent self-funded.

"We haven't taken a dime of credit or investment," Howler says proudly. "The company has grown organically. Entering the recreational market in Colorado has brought growth and structure to our business. We now have a small executive team and, including our licensed partners, over 30 employees. We've got a lot of ground to cover—manufacturing, packaging, quality assurance, sanitation, customer service, HR, marketing, sales. But our success is a testament to hard work, accountability and a dedication to detail."

Looking for the key to getting ahead in the brave new world of legal cannabis? Chew on that!











EXPAND YOUR ROOT MASS 700% TO 1,000%! IT IS A KNOWN SCIENTIFIC FACT: BIGGER ROOTS PRODUCE BIGGER YIELDS

Voodoo Julce-Expand root mass by up to 1121 and increase national absorption by up to 700% Walch your plants suck up energy and nutrients like racy for vigorous growth-and ultimately bigger yields.

Piranha – Expand the surface area of your plant roots by up to 75%. Help your crops obtain as much as 86% more nitrogen, 234% more phosphorus, and 75% more potassium. This means heightened grow, greater leaf area, more bud production, better bloom structure, and increased weight. Piranha tiquid also seeks and destroys harmful pathogens and molds, while strengthening crop resistance to stress.

Farantula—Its beneficial bacteria inoculiate the roots, safeguarding them by competing with and warding off harmful bacteria that can infect your plants. Reduces tissue damage from heavy fertilizer salts. Increases plant growling and yields by releasing grow and blocm collectors that diding chlorophyll, so your high-intensity lighting is more effective.

Microbial Munch—Maximize your microbes! Support, strengthen and maximize the benefits from all the beneficial microbes and lung. It's a "superfood"—exactly what your plants need to transform into bigger, stronger more resilient, and more beneficial creatures. In short, it's like puring them on steroids

RELEVE



"INSURANCE" FOR YOUR GROW ROOM

Sensi Cal-Mag Xtra—If you're using base nutrients made by other companies, your crops could be deficient, leading to stunted growth and yellowing leaves. You can prevent that with Sensi Cal-Mag Xtra, the only colclaim and magnifular supplement formulated with the exact Ca, Mg, and Fe ratios unique to the high-value plants we grow.

Revive — Guaranteed to rejuvenate your crops if they get into nutrient-deficiency trouble — which can happen if something unexpected and beyond your control occurs — or you're using inferior nutrients. Save plants in distress by adding if to your nutrient solution or using it as a foliar spray at the first sign of trouble. These rejuvenating substances flood the plant with heating nutrition. Use it at the first sign of trouble and your precious plants will get their beat chance not only to survive. but thinwell







GROW MORE GLISTENING, STICKY, RESIN-GLAZED, TRICHOME-COVERED BUDS AND STURDIER, STRONGER STALKS AND BRANCHES!



Nirvana – Guarantees bigger yields and bigger, denser heavier buds at a faster metabolic rare. Experience increased yield, quality, aroma, color, production faster than you could have imagined without using synthetic nuft

Rhino Skin—Increases michamer and a serinal air for poor places have a restraighter and support bulkier, hoavier buds. You'll get big. shoky, potential yests with

Bud Factor X— Trigger (1) and terperiod (1) and 10 to 10 to

8-52 - Amplifies overall plant metal Mishty of the standard out out the first seal is given the back that the said well as a said of the said well as a said out to be said to be said out to be said to be said



THE MOST OVERLOOKED AREA FOR GETTING POUNDS OF BUDS

Sensizym — Specifically formulated and made in a discount formulation and made in a discount formulation and made in a discount formulation and boost yields. Growers report if also decompositify zone debris so well, you can often reuse growing in give as rackward and social solution another stop the yell—some you money!

Ancient Earth Organic — A nch combination of humic and fulvic acid that will help transform your growing medium into a richer, healthier, more vibrant foundation for your crops while pumping up their roots. Also stabilize the pH and optimize nutrient delivery. Helps plants withstand disease, drought, and other environmental stresses.









Phuncky Feel Tips were created by B-Real to provide avid smokers with a new, refined method and product to better their smoking experience. To learn more, visit us online or connect through our social media.

#JustPutTheTipIn

www.PhunckyFeeTips.com



@PhunckyFeelTips







March 2016 High Times



THE HIGH TIMES INTERVIEW

A MIXED-MARTIAL-ARTS FIGHTER, NICK DIAZ WAS TAGGED AS SOMEONE WHO HAD PROBLEMS WITH THE MEDIA. DIAZ ROLLS HIS EYES AND SCOFFS AT THE ASSERTION. "I DON'T LIKE PEOPLE IN MY FACE WHEN I'M GETTING READY FOR A FIGHT—CONSTANTLY TRYING TO GET A STORY, ASKING HOW I FEEL, TRYING TO GET A QUOTE," HE SAYS.

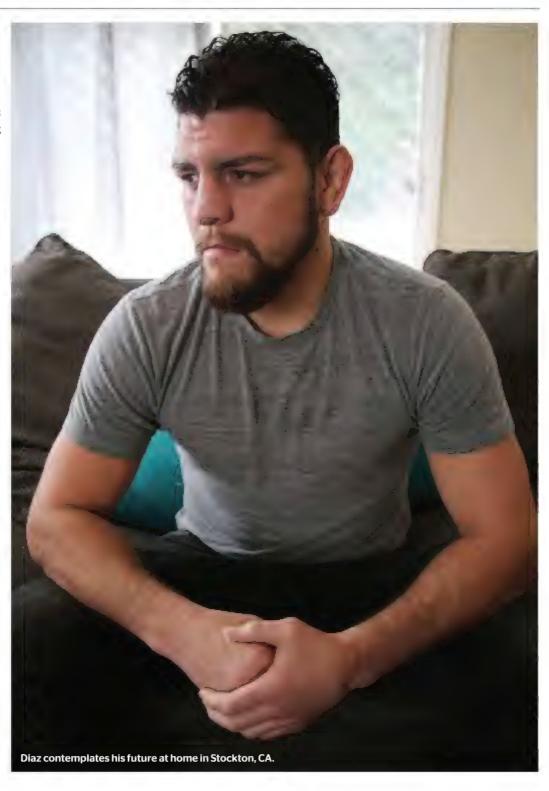
ARLY IN HIS CAREER AS

HE ALSO ISN'T TOO FOND OF FANS WHO PULL OUT CELL PHONES TO TAKE A SELFIE WHEN THEY MEET HIM. "I JUST NEED MY SPACE," HE EXPLAINS.

AND YET, AT HIS STOCKTON, CALI-FORNIA HOME, DIAZ IS SELF-POSSESSED, RELAXED AND PLEASANT. HE SIPS A BEER WHILE TALKING ABOUT HIS RECENT ORDEAL WITH THE UFC AND THE FIGHT LIFE IN GENERAL. HE'S BEEN FIGHTING SINCE 2001, AND HE'S EARNED A REP-UTATION AS ONE OF THE MOST FERO-CIOUS COMPETITORS IN THE SPORT. IN SEPTEMBER, HE WAS FINED \$165,000 AND SUSPENDED BY THE UFC FOR FIVE YEARS FOLLOWING HIS THIRD POSITIVE TEST FOR CANNABIS, AFTER HIS JANU-ARY 2015 FIGHT WITH ANDERSON SILVA. IT WAS SEEN AS A CAREER-ENDING PUN-ISHMENT-ONE HARSH ENOUGH THAT THE CANNABIS COMMUNITY MOUNTED A WHITE HOUSE PETITION DRIVE TO HAVE THE BAN LIFTED.

OUTRAGE OVER THE PENALTY HAS BEEN SO INTENSE, IN FACT, THAT, AS WE GO TO PRESS, THE NEVADA STATE ATH-LETIC COMMISSION IS RECONSIDERING ITS DECISION DUE TO PUBLIC PRESSURE.

At the eye of the hurricane that the UFC has created for itself, however, Diaz seems amazingly serene. He's certainly not done fighting—and he certainly won't be changing his ways.



110 The High Times Interview High Times March 2016

It's been a month now since the suspension. How are you feeling?

I've just had some good time off, from the time of that fight until now. I didn't expect to fight anytime between then and now-so I've just been trying to make some ends meet, standing outside of the whole fight world.

Are you still angry? Because you were pretty angry after the verdict came down.

Yeah, well, I'm always real angry. But I don't take it as a loss. I haven't taken any fight as a loss in the UFC-it's hard to come back from losses. Defeat is only a state of mind, and I've never come to that state of mind.

It's not like I purposely failed my test, but I purposely did not give a shit. I'm more focused on giving more of a shit about the fight.

You seem somewhat philosophical about this, not all that bitter.

Everything has been a gamble for me. Money and everything [that goes with it] is really a big liability. I could have been a regular guy. People from where I'm from don't make a hundred grand a year.

At the time, I was upset. It felt like everybody was really putting it to me; I was kind of at a loss for words. I mean, I heard one of the commissioners owns cannabis dispensaries, and I'm suspended for five years? They don't suspend guys for steroids-but I get five years, and this guy owns dispensaries.

The whole thing is—I don't even wanna say the word, but it sounds like a setup... like the whole thing was just set up for everything to go down the way it did. It's such a joke.

Do you think the test was rigged?

I knew that if I was tested, I'd come up under 15 nanograms-which I did. I knew I wasn't going to come up over

100 nanograms, which was their level. Then I was tested five days later and came back seven times higher. They're full of shit. Whatever happened is bullshit: I never got tested that many times-at least five times from when I got to Vegas, before the fight and after.

you get in fights when you're a kid, unless you go to a private school-and I didn't go to a private school. This led me to want to do more martial arts. I was a huge Jean-Claude Van Damme fan: I'd act like him, do kicks like him, do the splits. I was a Van Damme wannabe!

But nobody supported that.



"I haven't taken any fight as a loss in the UFC-it's hard to come back from losses. Defeat is only a state of mind, and I've never come to that state of mind."

Do you dwell on this?

What am I gonna do? As far as being suspended, I have to fight, you know what I mean? The ups and downs of life, they're going to come; I'm just kind of along for the ride. Life chose me. The upside is, I might not have to fight. A lot of these guys in the MMA and all other fighters out there will say they love to fight. I'm going to tell you all that I'm a nonviolent person—I'm *not* somebody who loves to fight. I fight because I have to. If there was any quit in me, I never would have made it this far. So it's kind of hard. It's kind of a curse.

What do you mean, you "have to" fight?

I use to live in, like, some pretty slummy areas around Stockton. I was getting in fights in first and second grade with Mexican kids, Asian kids, black kids. You'd get in fightseverybody would. Out here,

My parents weren't like: "Oh yeah, he loves Van Damme." Nobody really supported that, but my uncle did aikido, so it was easy for them to sign me up. Anything they could do to get rid of me for a little while, you know?

When did you start training seriously?

I started really training and fighting at 15 or 16. I stopped going to high school my sophomore year. I wasn't making good attendance. I had a really attractive girlfriend, a cheerleader, and she had a boyfriend before I got to high school. I got into fights with him and the whole football team. I wanted to play football, but that wasn't going to work out. I was a pretty good swimmer, but I didn't want to swim in high school because I didn't think it was very cool. So my social life was all screwed around. I didn't have a good base, like friends or a

squad or anything like that. I went to three or four different grammar schools-see, my parents moved around Stockton and Lodi. I had a lot of anxiety about jumping into another classroom. They were always putting me in special ed. But I was smart; I wasn't like these kids in the special-ed classes. But it would make me feel a little bit stupid. Then I'd go back into the smart-kids class the rest of the day, and they're like: "Hey, you know you're in the retarded class?"

So I'd be behind. Then they'd try to put me on drugs. I had a lot of energy-hyperactivity. But if my energy had been used, I could have excelled. I would have progressed. Nobody ever found me something to do for the day. So I was always just wound up, running around breaking shit. I was pretty destructive.

Did fighting give you a sense of worth?

Oh, yeah, I got that right away. I always thought it's what mattered. It always had something to do with the girls, the women-even in first grade, I was getting into fights over them. I had a hard time being impressive any other way.

When did you start thinking about becoming a professional fighter?

I found out that this stuff was right in my backyard. I'd rent tapes from the special-interest section at Blockbuster video—Pride FC tapes. I'd watch [UFC Hall of Famer] Royce Gracie's fights in the UFC. I found out that [UFC Hall of Famer] Ken Shamrock was from around here. I was lifting and getting strong, but I wanted to start training. A friend of mine's brother was training at the Lion's Den-it's a fight school. So I just joined and started learning jujitsu. I did two or three days a week there. It was a fitness gym,



Quality Genetics

To celebrate we're announcing a new, very special 20th Anniversary Edition strain called **Turkish Delight**. A Turkistani Indica of the very highest quality. Unbelievable resin production. Superb taste and smell. Very potent. Good yield. Unlike any plant we've seen before.

Probably the best overall plant we've ever offered.

Comparable quality to Bubba Kush or Blue Dream.

Dr. Greenthumb

ORDERING / INFO DESK

1.613.330.2404

For a catalog including a \$10 off coupon send \$5 to;

"RWJ GENTECH INC." Box 37007, Ottawa, ONTARIO, K1V 0H9 CANADA





too, so I had everything.

I started full-time training and I was really focused, and I found that it was easy for me. I didn't have a job yet. I didn't go to school anymore. I just decided that I was going to train harder than guys who were training to fight.

What do you bring to this sport that nobody else does?

I keep it real, that's for sure. A lot of fighters have problems and issues, but they should just tune it out the way I do. I've had all these fights: I don't dabble in other stuff-I don't have any interest. Training is more important for me, enhancing my sense of security-because at the end of the day, I've got a fight coming in a couple months. It's always been that way. Now, 14, 15 years later, you realize that there's more to life. I started to come to some understanding about who I am and where I come from-and the demographic that I'm reaching out to.

You've gained a reputation as someone who's surly and doesn't like the media. Is that true?

It's hard being a fighter. I feel bad for anybody who's a fighter. I'm going to convince you to *not* be a fighter before I tell you to be a fighter.

I'm judged on my character, not who I am. My character is a "hate" character. That's a fucked position to be in. But try being me a week out from a fight, against somebody who really fucking wants to fuck you up. Try that position—you will piss yourself. You will fucking cry yourself to sleep. You won't last a day in my

"If I'm at home and I'm training— doing my same things every day— then I'm definitely going to want to use cannabis."

shoes. I know what I'm going to do to you—and I know what my opponent's capable of doing to *me*.

What's it like physically after a fight?

Depends on what happened. I could walk out there and win in the first—I actually get beat up more when I win than when I lose. The last couple of fights that I lost, I didn't have anything wrong with me. I was doing fine.

Following your suspension, the cannabis community has shown you great support. How do you feel about that?

I'm hardly anything compared to Michael Phelps, the greatest Olympic champion of all time.

But he didn't get suspended.

He lost a lot of sponsors. But losing money doesn't even cross my mind. I had so much money rolling in—I'd just fought like five times in a row for over 500 grand. I fought a couple times for over \$1 million. The last thing I think about is money.

How do you feel about becoming a prominent figure in the cannabis movement? There's an actual petition that was submitted to President Obama.

It's really nice of the guy who started it.

Ronda Rousey spoke out for you, too.

That was nice of her that she did that. I know her pretty well—I mean, she was living at my house for a while. We trained together, so we're pretty good friends.

Then ESPN commentator Stephen A. Smith went after her.

Yeah. I guess he was basically saying you shouldn't stick up for your friends. He was calling pot a "gateway drug" and all that shit—trying to keep that stigma strong.

Tell us about your cannabis use.

If I'm at home and I'm training—doing my same things every daythen I'm definitely going to want to use cannabis. It's gonna help. I'm trying to stay focused on what I'm doing. I don't want a whole lot of things going on-people to call back, or text messages or whatever. I chill out, relax a little bit, and then I don't have those issues. If I'm going to train all day, when I get done, I'm gonna want to smoke. If I have to go and train all day, before I go, I'm gonna want to smoke. If I wake up in the morning and feel beat to shit, and it's going to take me forever to wake up, I smoke some weed and I wake right up. Then I have breakfast and I go do a workout.

What makes a great fighter?

I think that you just have to have that sort of mentality—I really don't have the words to describe it. If I ever did go back to school, *that* would be the main thing, just so I could get something across like

HIVE ® BRUTHERSHIP

A BROTHERLY COLLABORATION BY HIVE CERAMICS AND MOTHERSHIP



Other Registers Married 1

CERAMIC HONEY BUCKET

MALE 14 MM

Features

- · Dial operates from left or right
- · Compatible with glass buckets
- All ceramic construction
- Replaceable Bucket

Contents













EXTRA O-RINGS

A FEW OF OUR OTHER PRODUCTS







GLUB BANGER VA



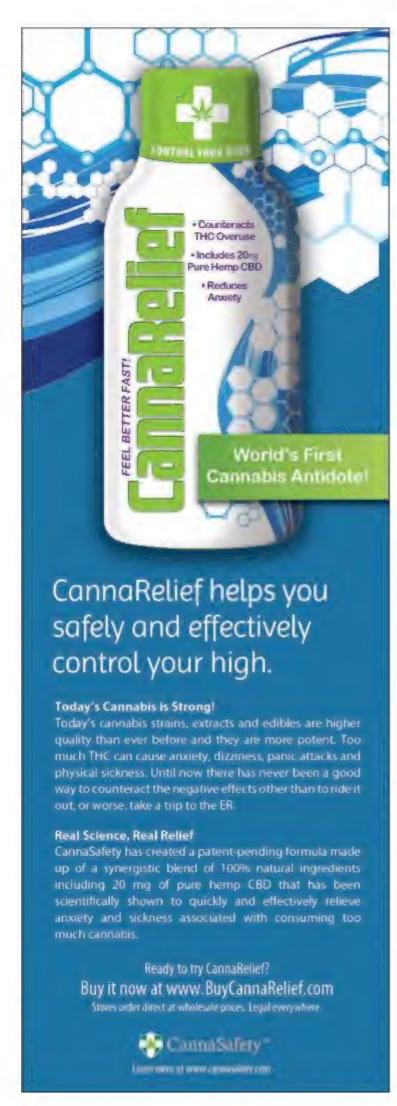


HIVEceramics.com









I want to right now.

For me, I look at it like I'm friggin' cursed. I don't look at this as a good thing; I look at it as: "It is what it is." It's not a bad thing, but it's not a great thing. It's what it is—it's how it's always been.

When I was a kid, I knew I was going to be something weird. I don't know how-I just did. I was 15 when I got into this. Who knows what I would have been? Maybe do some sort of construction work. So many of my friends got into dope gangs. But I couldn't see myself getting into the dope game-I don't like being on drugs. I don't like meth, which is the thing nowadays. I eat organic food—vegetarian for the most part. I don't like anything chemical, anything made chemically. I don't like synthetic drugs. And I try to stay away from the doctor if I can.

You've said that you have fundamental problems with the UFC's fight rules.

The easiest way to put it is, I like the Pride FC—thev had it right the first time. You hear about guys bringing that show back, bringing that model back. They need to do it. But you have all these intellectuals out there, all these people out there that went to school for something. And I'm like: Can somebody please understand these things that I've already been in tune with for the longest time now? Write a freakin' book or do something that you went to school for! They're so far out of tune.

Fans are getting smarter, and they're starting to hear me—that I'm not ignorant in what I'm saying. Anybody who's not on the same page with me is actually uneducated on what MMA is: It's mixed martial arts. We should be *promoting* MMA, but we're shutting that down. Instead, we see the "grab-and-go" guy—grab, hold on, or run away—and that wins you the fight.

In Pride FC, they'd yellowcard you if you moved away, if you'd go on top and stall and not advance position. It's not okay to stay there; they're going to stand you up. You have to advance position, or be working to advance position, or they stand you up. There's no elbows—you can't hold the guy tight and do little elbows to make it look like you're doing something. You have to create a certain amount of space to punch down on your guy, and that might be the same space that the guy on the bottom is trying to make so he can get back up. With this, we see a whole bunch of action-we get to see mixed martial arts, and the best guy wins. So you can't run around in a circle; I'll cut you off in the corner, like boxing. That's how it should be.

What works to win in the UFC is to fucking hold on or to run away. But if you wanna come forward and try to finish the fight, that doesn't work. It's not based on punches landed or damage, either. I don't know how they score it. How do I not know? If anybody knows, it *should* be me.

Do you think about life after fighting?

I'm not very optimistic. I stick to the game plan—if I'm gonna have a fight, it's definitely gonna enhance my sense of security. So I don't want to switch things up.

If I were to stop right now, I'm not very optimistic that everything's gonna just be great. I could teach, open another gym or something like that. I'd be happier with that than going out there and losing miserably, like I've seen guys do-like all of them do. It's kind of a curse. You can't really get out: There's always gonna be a bigger payday. But the second that I'm not getting paid more money than I got paid in my last fight, I'm done. I mean, I quit. *



CONSULTANTS WITH CREDENTIALS

CONSULTING

SEED TO SALE

LICENSE APPLICATION

DESIGN

FINANCIALS

PRODUCT SUPPLY

SOPS

TRAINING

BUSINESS CONCHING

WWW.CANNABISCONSULTINGCO.COM
INFO@CANNABISCOSULTINGCO.COM

116 Cannabusiness

Keeping It Real by Keeping It Small

A trusted name in seeds for decades, Dr. Greenthumb produces some of the best beans in the world for a connoisseur class of consumers. By Mike DiPaola



ne quality of seeds is getting worse and worse," insists a guy who would know: the one and only Dr. Greenthumb. His family business, Dr. Greenthumb Seeds, has been producing some of the world's finest cannabis seeds for decades.

Today, the doctor is somewhat distressed at the state of seed production. The problem, as he sees it, is that so many of the neophyte breeders jumping into the game aren't taking the time and effort required to produce the good, authentic stuff. "Jesus, Mary and Joseph," he groans, "they're putting junk out there and reducing the quality of seeds worldwide with bogus genetics."

Known only by his nom de graine (and no relation to B-Real's Dr. GreenThumb brand), the legendary Ottawa seed-banker sells his primo beans to North America, Europe and beyond. Recent forays into South America have Dr. Greenthumb mulling whether to create a Spanish-language version of his website-which, by the way, looks like it hasn't changed much in a couple of decades.

Like many a contemporary ganjapreneur, the doctor had his scrapes with the law back in the day. "I had a possession charge back in 1972," he says. "I got busted with a joint. It wasn't serious, in my mind." But US immigration officials deemed it serious enough to condemn Dr. Greenthumb's "moral turpitude," which to this day bars him from entering the bully to the south. "If I was an ax murderer or a pedophile and did my time," he says mordantly, "I'd be allowed in the United States."

Dr. Greenthumb boasts some educational background in plant science, but his expertise is more the result of many years of experience and a passion for horticulture that dates back to his childhood days working in his grandma's garden. "I look at a plant and I almost know how it's feeling," he says. "I have an affinity for this kind of thing."

Some may find Dr. Greenthumb's seeds a tad pricy, with high-end strains like feminized Bubba Kush and UK Cheese



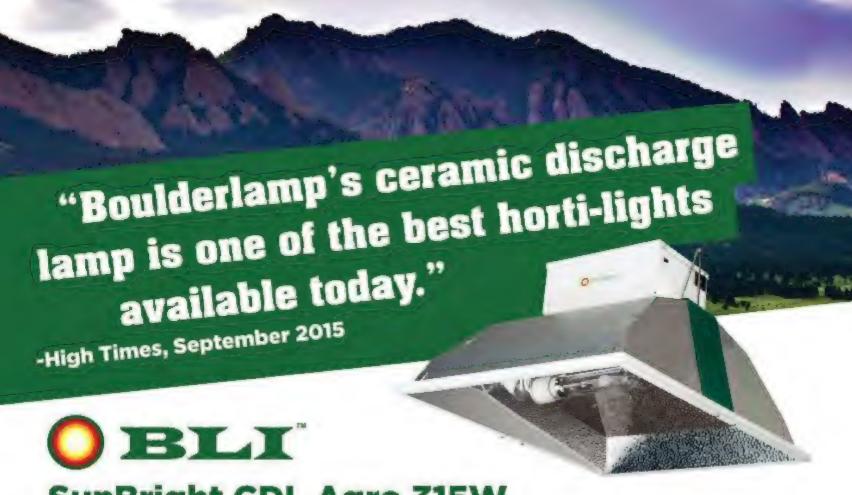
"I look at a plant and I almost know how it's feeling. I have an affinity for this kind of thing."

going for \$200 for a pack of five. But the doctor maintains that you get what you pay for: "The really expensive seed is the one you've spent four months growing, but it turns out to be something other than what you thought you were getting."

Meanwhile, his own customers always get high-quality, lovingly crafted seeds for the strains as advertised. The doc also declares that he's never sold a feminized seed that produced a hermaphroditic plant, and he makes another claim that

will be received like a thrown gauntlet: "I'm pretty sure we're the only people in the world who sell a real Bubba Kush."

Dr. Greenthumb's latest creation is a strain he calls Carnage. Coming very soon will be the boutique company's commemorative 20th-anniversary strain, Turkish Delight. "It is really exceptional," Dr. Greenthumb avows of the latter. "I have to say it's the most tasty, crusty, juicy..." Then he trails off, leaving his reverie unfinished but completely understood. *



SunBright CDL Agro 315W

CDL light spectrum closely resembles the sun

20,000-hour lamp life

Same lamp for vegetative and flowering stages



Two times more efficient than HPS grow light



Delivers more light in Photosynthetic Photon Flux/watt

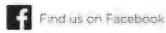


Generates less heat than any other grow light, including LEDs



Daisy Chain Connection

Up to 8 luminaires per 20A circuit, 208-240 VAC Up to 4 luminaires per 20A circuit, 120 VAC



Patented Technology • Designed and Assembled in the USA





THE WORLD'S LEADING HIGH!

Freen House

SINCE 1985 Seed Co.

CREATORS OF CHAMPIONS

KING'S KUSH AUTO

grown with
Green House Feeding

SUPER EMON HAZE AUTO

grown with Green House Feeding









WWW.GREENHOUSESEEDS.NL WWW.GREENHOUSEFEEDING.COM

CHECK YOUR LOCAL LAWS REGARDING THE ACQUISITION OF LIVE SEEDS.

Expert Grow Advice Purple plants, drying right, micro-growing,

mild strains and more...

Send your cannabis cultivation questions to @deardanko or deardanko@hightimes.com



Danko Tip: There's no reason to purchase products for flushing plants. Instead, flush them using plain, pH-balanced water for the last two weeks of flowering.

SUBJECT: Greenhouse Drying?

FROM: Willie

I'm growing my first crop in a greenhouse. Can I also hang the plants to dry and cure there? I don't have a ton of extra space, and so I was wondering if this was an acceptable practice, or if I should try to find an alternate space in which to dry and cure them?

Dear Willie,

I would not recommend drying and curing inside your greenhouse. Light and heat both degrade THC, and greenhouses tend to have both in large amounts. Instead, find a cool, dark place to dry your crop and then, when the stems snap instead of bending, begin the curing process. Seal the buds inside glass jars, which should also be kept in a cool, dark place, and open them to release builtup moisture as necessary. This could be required several times a day at first, so stay vigilant and don't allow moisture to remain in the jars for long, because otherwise your buds will develop mold.

If you follow these steps faithfully, you'll find this drying and curing process to be much better than what you would achieve by doing it inside your greenhouse.



FROM: Liv2Gro

Love your work on not only improving people's growing but making sure everyone can grow, no matter what their space, money or experience level!

Because of your influence, two years ago my fiancé and I decided to stop dealing with the underground cannabis market (since we live in a place where ignorance still reigns supreme) and grow our own. We have a micro-grow that consists of a 16" x 16" tent, a 300-watt full-spectrum LED with 5-watt diodes and a 4-inch fan/filter. and we're using the full FoxFarm nutrients with Ocean Forest potting soil in grow bags. We've had two harvests already, but we know we can do better with your help. My question is: What can we do to maximize our ladies' potential and keep them healthy in a micro-grow?

Many, many thanks to you and everyone at High Times for all the work you've done for our culture!



Dear Liv2Gro,

Thank you so much for the kind words; it feels good to know that our words have inspired you and your fiancé to grow your own. Nothing feels better than puffing on nuggets that you produced yourself, knowing everything that went into making them the best.

As for your micro-grow, the most important thing is to keep the heat from building up in such a small space. To that end, it's good that you're using LED lighting, as it creates little heat. Be sure to have an exhaust fan blowing out the warm, spent air from the top of your tent and a circulating fan to move the air around inside the tent.

The other important thing is to keep plants short and stocky and use some sort of trellising system in order to avoid having the branches grow too close to the light source. You can either pinch the growing shoots in order to create a smaller and more branchy plant, or train the branches with string or weights to spread them out.

SUBJECT: It's All Yellow

FROM: **AK**

My plants over the last few runs have slightly yellowed leaves, even though I seem to have my pH at the correct level, around 6 to 6.5. Is this a problem and, if so, how can I fix it?

Dear AK,

It sounds like your plants are suffering from a nitrogen deficiency. If the pH were over or under the recommended level, I'd suggest that you might need to fix that imbalance first-but since your pH is within the proper parameters, all signs point to a lack of N.

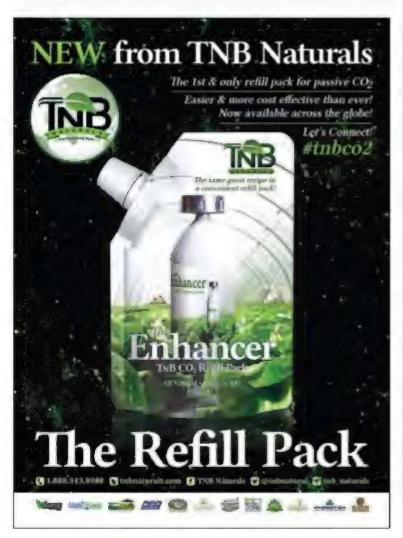
You can provide your plants with a nitrogen boost in a number of ways. If you're using bottled nutrients, add a healthy dose from the bottle labeled "Grow" or "Vegetative" with a high first number in the NPK (nitrogen, phosphorus, potassium) rating. Otherwise, you can use organic additives such as liquid seaweed, liquid fish or seabird guano.











Danko Tip: Decarboxylate your buds in an oven at 240°F for an hour before using them to make edibles.

You should see your plants green up within a few days to a week after application.



SUBJECT: Outdoor Plant

FROM: Rebecca

I was given my first plant this spring—a clone of "something."
Supposed to be guaranteed. Anyway, I live in the Denver area, and we've had so much rain and so many rough storms this spring that I couldn't plant it outdoors until end of May or so. It's about 5 feet high and very nice and round with a thick middle, and all the stems and leaves are lush and thick. It's not a stringy plant and it doesn't appear to have any bug damage, and all the leaves are a nice green. No buds yet. When should I expect them?

My plant gets six to seven hours of sun per day in an area sheltered from wind. When, where and how do I begin pruning? Also, there are lots of big fishing-size worms in the dirt it's in. I have good natural soil but added some compost and mulch a couple weeks ago. I fertilized it only once, about a month ago, with Happy Frog. Is there anything I should use for encouraging the buds? If so, what, and when do I apply it?

Lastly, when should I harvest the plant this year in this part of the country? I'm in Zone 5.

As an aside, it's an organic plant, I pull my weeds, and I don't use bad chemicals. Are there any plants that grow well with or are beneficial if grown next to marijuana, whether flowers, herbs, shrubs or veggies? There are a few small salvia and yarrow near it.

Dear Rebecca,

It sounds like you have a nice, well-growing plant on your hands. You should start seeing buds forming around August. If that hasn't happened, then you may have an issue with light getting to the plant at night. Make sure there aren't any light leaks coming from your house or perhaps a streetlight that could interrupt the dark cycle. Any such interruption will prevent your plant from flowering and keep it in the vegetative stage.

Also, six to seven hours of sun is less than ideal during the vegetative stage, so any way that you can increase the amount of sun or light it receives (such as with supplemental lighting) would be helpful until the flowering stage begins. You can encourage flowering by adding nutrients higher in phosphorus

ULTRA TRIMMER



Food grade stainless steel stationary guards
Slots are tapered to gauge the size of your bud
Cola cutter 1/2" diameter runs branches in seconds
Reversible from concave to convex
Aircraft Aluminum Frame - strong & lightweight
Adjustable speed controller with heavy duty motor
Easily portable - Easy to clean in minutes

CALIFORNIA CANNABIS INDUSTRY ASSOCIATION





TRICHOMES ARE EVERYTHING!



we don't condone that. Your product should hang and cure for at least 10 to 14 days. The way it's been done for thousands of years. [Fans help in this day and age] Scissors used to be the only way to trim dry bud with out destroying trichomes. It is very time consuming. Ergo a true set of mechanical scissors for dry bud, but better - scissors don't cut when they spring back. Ultra Trimmer cuts both ways and doesn't stop until you turn it off. Our trimmers are SO effective, the biggest names in the Concentrate industry will ONLY use the "sugar shake" from the UltraTrimmer because it yields the same as hand scissor trimmed bud. Other machines simply don't yield enough to matter. With its slow moving parts (NO VIBRATION) it simply snips the bud, [ADJUSTABLE SPEED] at 232 snips per revolution and many buds at a time. Once the bud has been

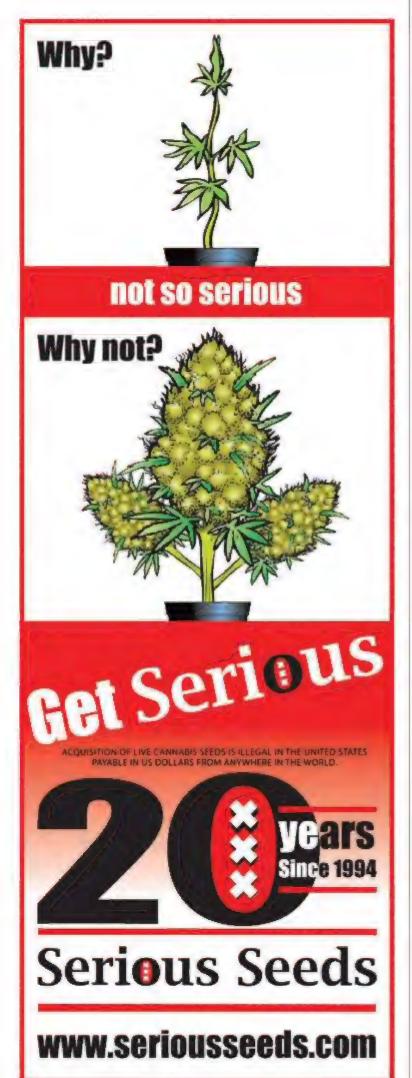
SPEED] at 232 snips per revolution and many buds at a time. Once the bud has been snipped it will not snip any more bud material until the bud is moved. The Ultra Trimmer can trim 4 ounces in 5 minutes - without destroying trichomes! We make larger devices as well. These larger devices are custom made to order and can handle processing 12-18 lbs per HOUR!

The LAST trimmer you'll buy!

www.UltraTrimmer.com

855-698-7466

855-MY-TRIMMER



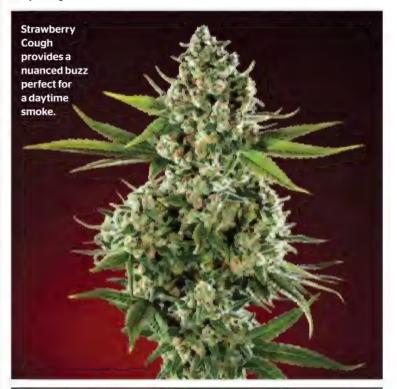
Danko Tip: Harvest your plants during the dark cycle to preserve terpenes and other essential oils at their optimum levels.

and potassium, such as bat guano.

It's hard to predict when you'll need to harvest without knowing the strain you're growing, but you should certainly take your plant down before any frosts can affect it. Most plants in your zone should be harvested in late September to early October, but longer-flowering sativas may need a few weeks more.

Several plant species work well as companions to marijuana, and it's wise to grow them nearby. Chrysanthemums discourage and repel pests. Coriander is great for keeping away aphids and spider mites. Marigolds will help prevent whiteflies, peppermint deters aphid populations, and dill discourages spider mites.

On the other hand, nasturtiums and beanstalks attract pests and can be used as a "canary in the coalmine" to discover infestations before they've made a significant amount of headway on your plants.



SUBJECT: Mild Strains

FROM: Peg From Frogcreek

I'm looking for some info, please. I would like to grow my own pot, but I want a specific type of plant (seed). I need something for depression, something that will give me a bit of a lift yet still be something mild. I'll be growing this outside in northern Wisconsin. The summers can be very warm—at least that's what they've been for the last couple of years. Can you recommend something for me that might work?

Dear Peg,

If you're looking for something for depression that is also somewhat mild, I would suggest a *sativa*-dominant strain such as Super Silver Haze, Strawberry Cough or Blue Dream. Try one of those or something similar (if "Haze" is in the name, that's a good sign it's a *sativa* or *sativa*-dominant), and find the one that works best for you. Then get some seeds or clones of that variety and grow out a mother plant. That way, you'll never have to go without the strain that brings you relief. $\mbox{\em ω}$



Ultimate Portability, Longer Sessions, Infinite Versatility

Available at







Juicing Cannabis for Health

Receive medical benefits from THCa without the high

- By Elise McDonough -

Wake up to the incredible health benefits of non-psychoactive cannabis in its raw form. Juicing raw cannabis leaves and fresh buds along with other fruits and vegetables will add balance to your lifestyle, protect against diseases and supplement your diet with essential cannabinoid acids. You won't feel mood-altering effects, making it appropriate for daytime use, or for patients who don't desire inebriation.

In order to have a psychedelic effect from eating cannabis-infused foods, you must first decarboxylate the cannabinoids by heating or drying the plant material. Fresh, live cannabis plants won't get you high, because the THC is still in its acidic form. Known as THCa, this cannabinoid has anti-spasmodic and anti-inflammatory benefits, and is best used much like a vitamin. Frequent ingestion can be useful in treating conditions such as ALS, autism, fibromyalgia, multiple sclerosis, rheumatoid arthritis and neuropathic pain.

Popularized in Northern California around 2010 by Dr. William Courtney, raw cannabis juicing has been credited with extraordinary healing abilities. Personal testimonies abound, but Kristen Peskuski's story is one of the most compelling. Plagued by ill health her entire life, Kristen suffered from systemic lupus, chronic fatigue syndrome, endometriosis, and

interstitial cystitis, leading to a series of painful medical procedures. At one point, her regimen of pharmaceutical drugs left Kristen practically comatose, and after failing to wake for 38 hours, her friends carried her to a hospital.

Peskuski noticed feeling relief after using cannabis, and was determined to learn more about it. Research led Kristen to believe that the root of her health problems could be endogenous cannabinoid deficiency syndrome, a speculative disorder that Dr. Ethan Russo believes could be related to migraine, fibromyalgia, irritable bowel syndrome and related conditions.

If naturally deficient cannabinoid levels could be the underlying cause of the many conditions alleviated by medical marijuana, using cannabis as a dietary supplement should boost the body's endocannabinoid system and restore homeostasis. Getting the quantity of cannabinoids necessary to restore health means pursuing non-psychoactive options, since consuming psychoactive THC constantly can make it difficult to get off the couch! Under Dr. Courtney's care, Kristen began juicing cannabis every day, and was eventually able to heal herself and resume a normal life. She was even able to successfully become pregnant and give birth to a healthy daughter, even after countless doctors had said that her endometriosis would make motherhood impossible. *

HEALTHY CANNABIS JUICE

Ingredients:

3 lbs cannabis leaves (can use kale or chard also) 4 apples, quartered

4 golden beets, quartered (red beets stain) 3 stalks of celery, quartered

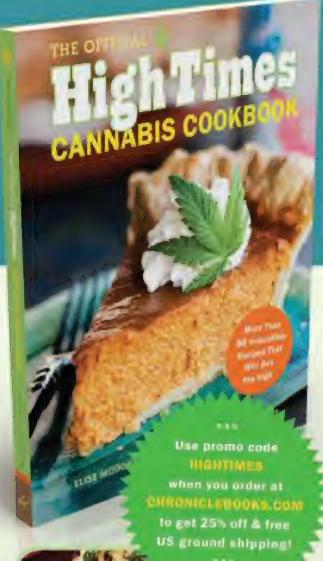
½ cucumber, quartered lengthwise

2 lemons, quartered lengthwise 1 piece of ginger as big as your thumb

Roughly chop your veggies so they will fit easily down the tube of the juicer. Soak and rinse your cannabis leaves to ensure no dust or bugs are on the surface.

Turn juicer on, position a catch cup or pitcher into front of the spout, and begin to juice. Alternate clumps of cannabis leaves with apples, celery, lemons or cucumber pieces to keep the fibrous pulp moving through the machine. Skim the foam from your finished juice.





High Times CANNABIS COOKBOOK

GO WAY BEYOND THE BROWNIE

50+ irresistible recipes that will get you high, including:

- Time Warp Tamales
- · Pineapple Express Upside-Down Cake
- · Sativa Shrimp Spring Rolls
- · Pico de Ganja Nachos



INCLUDES RECIPES INSPIRED BY SNOOP DOGG, CHEECH AND CHONG, AND WILLIE NELSON!



\$18.95 • Paperback

AVAILABLE NOW AT

HEADSHOP.HIGHTIMES.COM

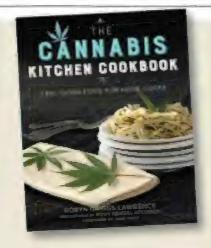
Flavor of the Month Sinsemilla Smoked Salmon

Denver bagel shop staff gets high off of fish.



Joshua Pollack at Rosenberg's Bagels in Denver created marijuana-infused smoked salmon for 4/20, and it became so popular that he's now trying to get it on the shelves of dispensaries! After making a cannabis infusion into Everclear alcohol, the team evaporated the booze, leaving a THC-laden paste to slather over the salmon, which then marinates for 72 hours before being traditionally smoked. The resulting gravlax is flavored with dill, lemon and cannabis.

A viral video created by The Smoker's Club documented the process, and catapulted Josh and general manager Nicky "the Fish" Bruno into national fame and a media circus, even drawing the ire of food safety inspectors from the Denver Department of Health. The cannabis-smoked salmon was intended for personal consumption, and none was sold out of the bagel shop, so our heroes got off with a stern warning.



Cannabis As Superfood

Professional editor Robyn Griggs Lawrence has 20 years of experience with the green lifestyle movement, boasting experience at *Natural Home, Mother Earth News* and *Organic Spa* magazines. Today, Robyn is watching the legal cannabis industry unfold, and documenting the rise of the celestial seasoning in the food scene with her new book *The Cannabis Kitchen Cookbook*.

Featuring recipes from 14 chefs, this cookbook is focused on integrating cannabis into a healthy lifestyle. "We want to break through the stigma," Robyn says, "and show people that it's a vegetable packed with nutrients and antioxidants." Mouthwatering recipes include appetizers like Cannabis Ceviche, entrees like Hemp Seed-Crusted Chinook Salmon with Cannabis Cream, and sides such as Smokin' Grilled Corn, Zucchini and Cilantro Salad, topped off by desserts like Super Lemon Haze Banana Rum Surprise.

They Put Pot in What Now?!

Microwave Marijuana Meals

Chef invents healthy THC-infused convenience food.



It's easy to include cannabis as an ingredient in a healthy lifestyle, since you can simply infuse the herb into your chosen fat and add it to your regular meals. But what about when you're too sick to cook?

Designed for patients who might be too ill, stressed or busy to plan, shop and cook homemade meals, marijuana-infused, nutritionally-balanced microwaveable food is coming to a dispensary near you, courtesy of cook Chris Sayegh (theherbalchef.com). Working with a team of nutritionists, Sayegh developed four frozen options including vegetarian lasagna, stir fry, pot pie and a quinoa-stuffed chicken breast, all dosed with either THC or CBD. Recipes for the microwavable meals were formulated to consider the taste and texture of food upon reheating, as well as the retention of THC. The group even invented a patented method to raise the boiling point of this psychoactive cannabinoid to preserve as much activated THC as possible. Meals can be reheated in a microwave in 4 to 6 minutes or in the oven, and use safe, BPA-free plastic packaging materials.

FIVE HEALTHY CANNABIS EDIBLES

Cannabis-infused foods don't need to be loaded with sugar and fat! Get high and healthy with these pot snacks.



FRUIT LEATHER

Dosed with 100 milligrams of THC, these dried fruit leathers were created by Roxanne Dennant, a vegan concerned about health. Dismayed by the options on display at her local dispensary, Roxanne designed a product meant for people like her. Fruit Slabs are all-natural, cannabis-infused fruit leather. perfect for people with active lifestyles who need to medicate discreetly while on the go fruitslabs.com



CANNABIS KOMBUCHA

Kombucha is a "living tea" created by allowing a kombucha culture to ferment brewed tea. Enthusiasts claim that the probiotic drink aids digestion, combats arthritis and prevents cancer, and it has a rich history of use in China. The Kannabucha created by Tahoe Herbal Co. is fizzy and great tasting, the delicate flavor of jasmine tea blended with a full cannabis extract for maximum healing benefits. tahoeherbal.co



PINEAPPLE DELIGHT

These incredible creations from Lifted Edibles combine dried fruits and finely ground nuts with hash-infused coconut oil to tantalize your taste buds with fresh, invigorating flavors. Using only ice water hash ensures an environmentally friendly, safe and pure product, dosed at 100 milligrams of THC for one large bite. I'd recommend breaking each truffle into four pieces, starting with a dose of 25mg or less. liftededibles.com



GANJA GLAZED NUTS

Sweet and savory almonds and pecans coated with hemp seeds, maple syrup, solventless cannabis extract, cinnamon and sea salt, containing four portions of 25 milligrams of THC, or 100 mg per tin. This delicious Om Edibles product does contain sugar, but in a small amount, making these a fantastic option to sprinkle on top of a salad or bowl of oatmeal for an added hint of sweetness. omedibles.org



COCONUT MACAROONS

These simple yet scrumptious treats use maple syrup to sweeten, cocoa for an energy boost and cannabis-infused coconut oil for the euphoric bliss that results after eating one or two macaroons. These raw, vegan macaroons from Utopia Edibles pack high-quality ingredients into four small bite-size treats, each containing about 50 milligrams of THC, for 200 mg per package. @utopia_farms

Recipes for Health & Happiness™

Make cannabis butter, oil, tincture, and lotions at the touch of a button!





- 1 package of out of the box (OTB) Red Velvet Cake Mix
- 3 eggs
- 1 cup water
- 1/2 cup MagicalButter or Magical Cooking Oil
- 1 container of OTB Creamy Home-Style Cream Cheese Frosting
- · Red sprinkles or cake crumble

Skill level: Very easy Prep time: 5-10 minutes Cook time: 30 minutes Serving size: 1 cupcake Yield: 18 cupcakes

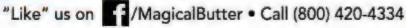
₩ How to

- 1. Preheat oven to 325°F/163°C. Place 18 paper baking cups in muffin pan(s).
- 2. Prepare cake mix using water, MagicalButter or Magical Cooking Oil and eggs in large bowl.
- 3. Beat with an electric mixer at medium speed for 2 minutes. Spoon batter evenly into prepared pan(s).
- 4. Bake 30 minutes or until toothpick inserted in center comes out dry
- 5. Cool cupcakes completely on wire rack.
- 6. Spread frosting on cupcakes and garnish.

*Recipe will vary depending on brand.

Find recipes at magicalbutter.com/recipes, and watch how-to videos at youtube.com/ herbalbutter.











Why aren't all schizophrenics getting cannabidiol? Is Big Pharma keeping us down?

Conrad Spiracy

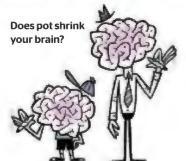
Hi Con,

CBD shows promise for lowering psychotic symptoms, and it has markedly fewer side effects than most drugs. But no single antipsychotic works for everyone: The disorder varies from person to person, and we all differ in our response to various chemicals. I'm not saying that Big Pharma doesn't have its own agenda; I'm just asking people to keep in mind that, while it's great to have CBD in the toolkit, it simply can't be an effective treatment for everything.

First, I hear that marijuana shrinks brains; then I hear that it doesn't. What's the word? Hermano Cerebro

Hola Hermano,

In studies, cannabis users and non-users often differ in other important variables, especially alcohol use. The latest research did control for drinking better than previous studies and found no differences in brain structure between cannabis users and non-users. Also, large sample populations were involved, so if there really was a difference, it probably would have been found. So the short answer is: Don't binge-drink, since that's far more likely to hurt your brain. Adults who enjoy a drink with dinner each night are probably not causing any damage; folks



who wait until adulthood to use cannabis responsibly have nice brains, too.

What's more dangerous, grass or meat?

Free McCow

Hello Free,

It's apples and oranges: Red meat likely increases the risk of certain cancers by about 20 percent, while cannabis doesn't really increase the risk of anything lethal. Of course, the munchies *might* induce you to eat red meat, but "Regulate Marijuana Like Meat!" doesn't have the same ring to it.

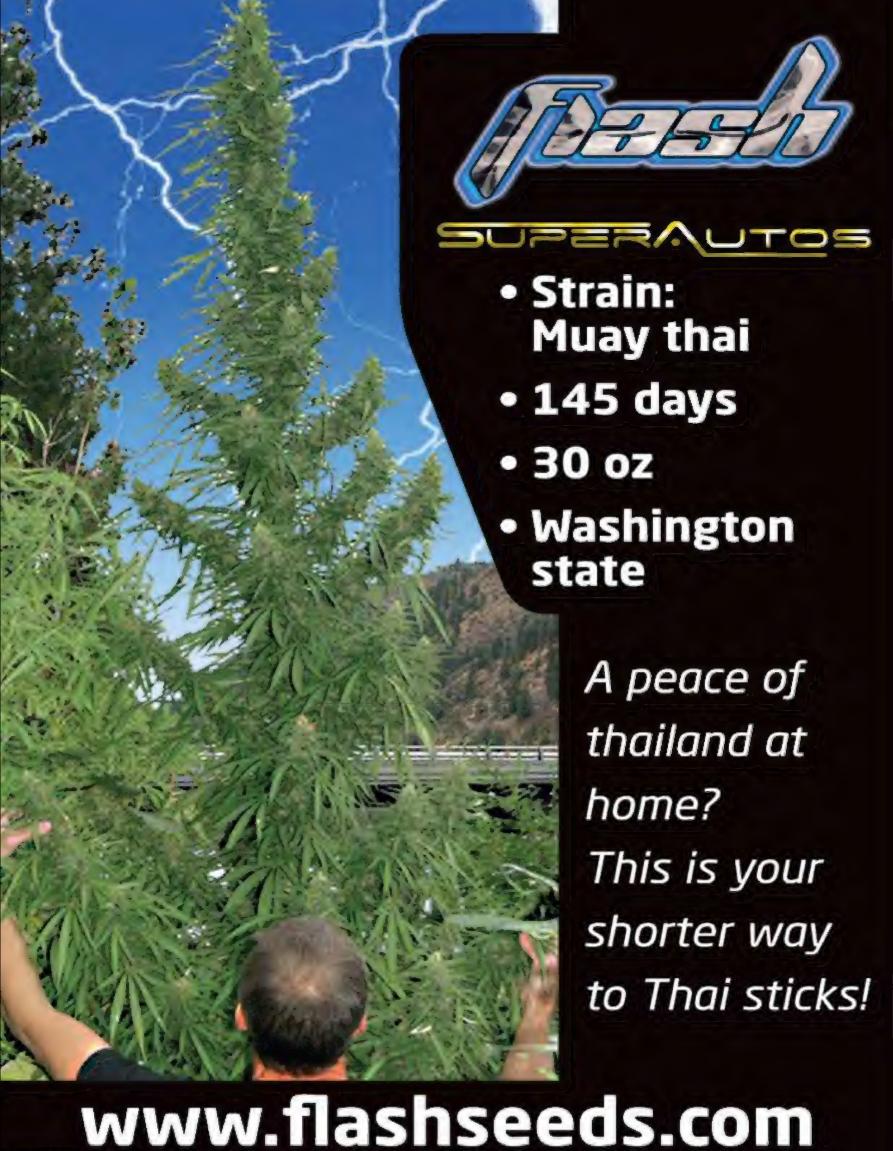
What's alpha-pinene?

Smoky T. Bear

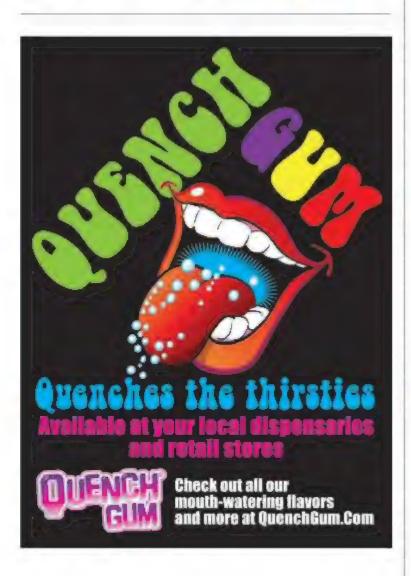
Hello Smoky,

Alpha-pinene is the terpenoid that creates the scent of pine in cannabis and other plants. It has potential as a bronchodilator, anti-inflammatory and memory aid; it also has relaxant properties in aromatherapy. So if you don't feel like vaporizing, you can always smell a few buds to chill out. **

Dr. Mitch Earleywine is a professor of psychology at SUNY Albany and the author of Understanding Marijuana and The Parents' Guide to Marijuana.







Home Remedies for Dabbing Injuries: Burns

Learn how what's at hand can help you heal. By Craig Coffey

e hope that every High Times reader has a long and happy life dabbing on all of your favorite concentrates without ever experiencing the searing bite of a red-hot nail or torch. However, the unfortunate reality is that you're getting super-baked and playing around with a blowtorch. In other words: Burns happen. And many of us daily dabbers have the scars to prove it.

So what should you do when you reach across the table to grab the Xbox controller and accidentally rest your elbow on a glowing hot nail?

The first thing is to keep calm and attempt to determine the severity of your new torch tattoo. Burns come in three types or degrees. First-degree burns are the least serious: They're marked by redness and extend only to the outermost layer of skin. The affected skin may peel off after a day or two, and the burn typically heals in three to six days.

Second-degree burns extend into the skin tissue directly below the epidermis. These burns involve painful blisters and usually take two to three weeks to heal.

Third-degree burns damage all layers of skin. These types of burns can be very serious and should be treated by a medical professional. While third-degree burns are the most severe, they can also be the least painful, because they damage the nerves in the skin. The skin itself appears white or charred, and the healing is prolonged.

Your natural instinct may be to apply ice to a burn, but that's not a good idea: Ice will lower your blood flow to the area and slow down the natural healing process. Here are a few better home remedies to deal with torch and nail burns and promote rapid healing and pain relief:



TEA BAGS:

Keep a few used tea bags in a ziplock bag in your fridge. A cool,

moist tea bag is an excellent way to relieve a burn, and the tannic acid found in most teas (especially black tea) can reduce pain significantly.



HONEY: With a pH that's inhospitable to most bacteria, honey will not only

cool the burned area, it will also prevent possible infection and promote scar-free healing.



ALOE: Probably the best-known treatment for burns, aloe will quickly stop the

pain and inflammation, as well as reduce the swelling and stimulate skin repair.



LAVENDER OIL: Make a solution of 1 teaspoon of pure laven-

der essential

oil in approximately 2 ounces of water and pour it into a misting bottle. Mist the burned area with this solution to speed the healing process. Lavender oil is a natural antiseptic and will help to prevent infection.



MILK: Get that burn a nice glass of milk! Soak the injured area in milk for

20 minutes for quick pain relief; the fat and protein will not only soothe the burn but also promote healing. Full-fat, wholemilk yogurt can also help cool a burn and hydrate damaged skin.





Marijuana Media Explosion

The director of NORML sends bouquets our way.

Allen St. Pierre is executive director of NORML. Visit norml.org.

n a previous NORMLizer column, I spotlighted the mainstream media's increasingly positive coverage of cannabis, with nearly 60 percent of Americans supporting an end to marijuana prohibition, according to Gallup's recent polls.

These days, there are dozens of glossy magazines focusing on ganja, and they're seeing increased ad sales and the need to boost the number of pages per issue-not, as is the case with so much of the print media, to reduce them. Online, there are hundreds, if not thousands, of websites, blogs and Facebook pages devoted to pot, on which you can find political discussion, cultivation tips, or advice for investing in marijuana-related companies and stocks.

Scores of podcasts are available covering the entire realm of marijuana-related news, culture, business, law and politics, as well as cannabis-themed TV channels and shows accessible via digitalmedia platforms like Roku, Chromecast, Amazon Fire and Apple TV. You can also find several pot-related reality shows on mainstream-media outlets, such as CNN's High Profits, which depicts ganjapreneurs hard at work in the new industry. And, as everyone knows, pro-pot documentaries are now ubiquitous. (Mandatory viewing for incoming NORML interns is Evergreen: The Road



to Legalization in Washington.)

None of this is likely to abate. In fact, you can expect even more marijuanarelated media and content in the coming years, as state-licensed cannabusinesses adopt the same methods as so many other companies seeking to attract consumer attention-i.e., blitzing media outlets with information about their products and services. Until about 2012, NORML would receive only a few press releases per year from pot-related businesses. These days, we receive over 300 press releases or

pitches per month from cannabis companies or their hired PR guns.

The godfather of this thriving new genre of cannabis coverage is, of course, High Times magazine, which continues to grow with our socio-politically changing times. In the shrinking world of print publishing, this expanding brand has a major influence over the booming cannabis industry. Recently celebrating its 40th birthday, High Times and its website, hightimes.com, remain prime sources for all things marijuana-related and are now regularly feted in major publications like the New York Times, the Washington Post, Time and Adweek.

None of the progress in marijuana-law reform that America has enjoyed over the past 20 years would have occurred if not for High Times. For decades, it was the only commercially available media source for cannabis-related news and information. And when the Feds tried unsuccessfully to shut it down, with the DEA targeting the magazine's advertising base in Operation Green Merchant, High Times never caved.

High Times and its devoted advertisers deserve great thanks and praise from the community of cannabis-law reformers for championing First Amendment rights. As we can see, the rest of the media has finally joined the party! *

FREEDOM FIGHTER

By Kevin Mahmalji, NORML national outreach coordinator

A Tireless Reformer

A cancer survivor and mother leads the battle in Virginia.

Before becoming a activist, Jenn Michelle Pedini spent much of her time blogging her way through two bouts with lymphoma, chemotherapy and, finally, a life-saving stem-cell transplant. During her ordeal, Pedini developed a deep personal connection to cannabis. She also helped raise thousands of dollars for nonprofit organizations like Stand Up To Cancer and the Leukemia &

Lymphoma Society,

Pedini met NORML founder Keith Stroup, one of America's best-known drug-policy reformers, while attending the organization's annual Aspen Legal Seminar in 2012. She was inspired to share her story-and change her life.

Pedini had to carefully consider the repercussions that often accompany becoming an outspoken cannabis advocate. But she took the plunge and has since become a force for change in Virginia. Her

first goal was to reduce the stigma that surrounds cannabis-law reform in the state. Inspired by Green Flower Media, she launched the #comingoutgreen campaign, which

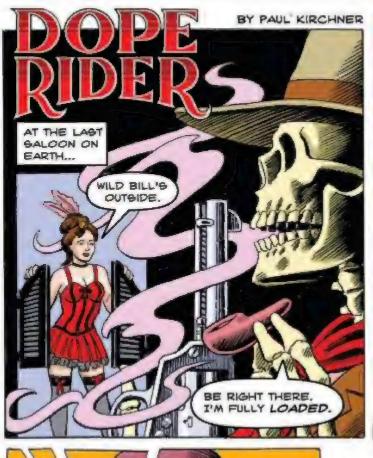
encourages cannabis users in Virginia to tell their stories.

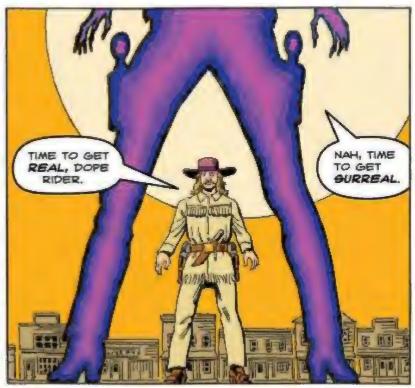
Pedini currently serves as the deputy director of Virginia NORML and as the director of its Richmond chapter, RVA NORML. Using social media effectively is her passion: curating content, driving traffic,

boosting engagement and supporting affiliate campaigns. Pedini is proud that Virginia NORML took top honors in the NORML Nation membership drive this past August. What continues to gall her is the extreme variation in the country's treatment of cannabis users.

"We arrest 20,000 Virginians for possession and spend \$70 million prosecuting marijuana offenses here annually." Pedini notes. "Meanwhile, millions of Americans enjoy legal cannabis [in medical and recreational states] across our nation."















Need New ID?

Our Books Help You Get ...

NEW IDENTITY with government-issued SSN, Birth certificates, Driver's license, Photo ID. NEW CREDIT with clean credit file, Personal Loans, Business Financing, "Free Money" ID by MAIL & INTERNET. Over 500 sources. All kinds of photo ID, certificates, diplomas.

FREE CATALOG

1-800-338-8484 www.EdenPress.com

EDEN PRESS

PO Box 8410, Fountain Valley, CA 92728







MEDICAL MARIJUANA DIRECTORY

CALIFORNIA

Alternate Natural Solutions Inc.

8477 Enterprise Dr. Jamestown, CA 95327 (209) 352-6779 altnatsol.com "Home of the 5 dollar gram"

Club Cannex

11004 Magnolia Ave. Garden Grove, CA 92843 Phone: 562-200-1164 www.clubcannex.org rudy@clubcannex.org Compassionate, Understanding, Servicing, Honoring, Inspirational, Passionate

Coffee Shop Blue Sky

377 17th Street Oakland, CA 94612 (510) 251-0690 Open 9am-8pm Mon-Sat, 10am-6pm Sunday oaksterdamgiftshop.com

The Good Life

4316 Melrose Avenue Los Angeles, CA 90029 (323) 522-3542 Open 7 days, 10AM-11PM facebook.com/goodlifemelrose Twitter Good Life Melrose Also fresh fruits and vegetables.

Green Dragon Caregivers

7423 Van Nuys Blvd. Suite C VanNuys, CA 91405 (818) 442-0054 greendragoncoop.com edward@greendragoncoop

High Quiggle Healing Center

1532 East Broadway Long Beach, CA 90802 Phone: (562) 951-3975 Fax: (562) 951-3902 weedmaps.com "A circle of healing is never ending"

Love Shack

502 14th street San Francisco, CA (415) 552-5121 theloveshackcooperative.com Mon-Sat 10am-7pm, Sun 11am-4pm Full Service Dispensary Voted Best of The Bay

Mind, Body, and Soul Collective

3131 East Central Ave. Fresno, CA 93725 Phone: (559)-486-6010 Fax: (559)-486-6011 mbscollective.com admin@mbscollective.com "Open 7 days a week--Quality, Integrity, Trust"

1 Love Wellness Center

1841 El Camino Ave.
Sacramento, CA 95815
916-231-LOVE
916-927-1553 (fax)
1lovewellness.org
linda@onelovewellness.org
"Sacramento's largest and loving
Wellness Center"

7 Star Meds

3823 San Pablo Dam Rd. El Sobrante, CA, 94803 (510) 758-MEDS(6337)

COLORADO

Caregivers For Life / 21+ Recreational & Medical Marijuana Center

310 Saint Paul St. Denver, CO 80206 (720) 536-5462 Cherry Creek, Denver, CO

Karmaceuticals LLC

4 South Santa Fe Drive Denver, CO 80223 (303)-765-2762 facebook.com/karmaceuticals karmaceuticalsco@gmail.com "Over 120 strains of fire"

Minturn Medicinal / Vail Valley

Minturn, CO 81645 (720) 490-0458 Free Delivery minturnmedicinal.com

MICHIGAN

Arborside Compassion

1818 Packard Street
Ann Arbor, MI 48104
734.213.1421
arborside.net
"Compassion is our middle name."
Largest Selection of Quality
Medicine in Michigan!

Cannoisseur Collective

"A Shelf Above The Rest"
State St (call for pre-verification & address)
Ann Arbor, MI
734-494-0772
cannoisseurcollective.com
Twitter.com/Cannoisseurlife

Lakeshore Alternatives Seed Bank

6155 Blue Star Highway Saugatuck, MI 49453 269-857-1188 lakeshoremeds@gmail.com lakeshorealternatives.com 'West Michigan's #1 Place for finding SEEDS"

Michigan Compassion Center

1222 Glenwood Ave. Flint, MI 48503 970-509-0781 (Phone number) 810-265-7821 (office number) 810-265-7436 (fax number) mcccflint@gmail.com facebook.com/ michigancompassioncenter "Patients Come First"

Michigan Medical Marijuana

Certification Center 29877 Telegragh Road, Suite 303 B Southfield, MI 48034 (248) 932-6400 MMMCC.net

MSC3

227 N. Winter Street Ste 302 Adrian, MI 49221 medicinalsolutions.com MON-FRI 10am-8pm SAT 10am-7pm CLOSED SUNDAYS

OM of Medicine

112 South Main Street, 3rd Floor Ann Arbor, MI 48104 734-369-8255 omofmedicine.org info@omofmedicine.org "Power to the Patients!"

Pure West Compassion Club

840 N. Black River Dr. Ste ♯80 Holland, MI 49424 616-466-4204 purewestclub@gmail.com CALL TODAY & Get Doctor Certified for \$99

MONTANA

Olympus Incendias

2591 Industry #A Missoula, MT 59808 Phone: (406) 829-WEED www.missoulameds.com Customer oriented true Compassion Center!

OREGON

Eugene Compassion Center

2055 W. 12th Ave Eugene, OR 97402 (541) 484-6558

WASHINGTON

Conscious Care Cooperative Lake City

3215 NE 123rd St. Seattle, WA 98125 Lakecity@cccooperative.org https://mmjmenu.com/ dispensaries/757-conscious-carecooperative-lake-city Phone: (206) 466-1206 Fax: (206) 466-1203

Purple Cross Patient Care Association

469 North 36th Street, Suite D Seattle, WA 98103 Phone: (425) 446-1205 Fax: (206) 588-1596 purplecrosspatientcare.org Mon-Sat, 11-9 pm Sun. 1-9 pm Open 7 days a week!

CANADA

Note: Canadian medical clubs rarely accept US medical marijuana IDs. Prior arrangements need to be made before your visit by contacting the medical club.

CALM Toronto

P.O. Box 47023, Stn. 425 220 Yonge St. Toronto, ON m5b 2P1 Office: (416) 367-3459 Fax: (416) 367-4679 Open 7 days a week cannabisclub.ca

Canadian Compassion Dispensary

US patients welcome. Phone: 647-771-9703 Toronto, ON www.c-disp.com.

T.A.G.G.S. Dispensary 11696 224th Street

Maple Ridge, BC V2X-6A2 Phone: (604)-477-0557 Fax: (604)-477-0575 Open 7 days/week, 11am-7pm taggsdispensary.ca US medical patients welcome.

DISPENSARY SERVICES

Cannaline

cannaline.com Wholesale only 301-356-9096 Stock & custom printed glass containers, concentrate containers & medicine bags.

WHY IS IMPAK THE LEADER IN PACKAGING?







Introducing the Child Resistant Pouch - Easy for You, Tough for Tots

Various Stres Available Upon Request

HOME OF THE 420 RX MYLAR BAGS

Serving Biomedical and Pharmaceutical companies since 1993, IMPAK is the leader in providing custom printed bags and complete packaging solutions for all cannabis products.

REAT

=

D

IN

HUMBOLDT

COUN



Protect Your Privacy

Need to block a phone signal? Our thickest material provides a barrier protection that keeps even the strongest cell phone signal off the map.



Prerolls and Syringes

Stand out from the competition by customizing your packaging with color, size, and artwork. Request free samples of our stock bags.

Contact Justica at (310)715-6900 x 154 or jmorales@sorbentsystems.com sorbentsystems.com/scentshield.html







See the video on www.HarvestExcel.com Please Call 707-986-4430







www.drgreenthumb.com

Home of the super-potent Endless Sky and OhZone

Other fine strains include; Bubba Kush, Trainwreck, C99 Iranian Auto, Headband, Blue Dream, OG Kush, UK Cheese Chemdawg, Sour Diesel, Iranian Haze, Girl Scout Cookies

ALL OF OUR FEMINIZED SEEDS ARE GUARANTEED 100% FEMALE

GOLD MINE

- UP TO 2 POUND YIELD - TIGHT, RESINOUS BUDS - VERY POTENT -

August to Early September Harvest!

For a catalog, including a \$10 off coupon, send \$5 to; RWJ, Box 37007, Ottawa, ON, k1v0h9, Canada Information or garden support call; 613-330-2404

Free World-wide Shipping including U.S.A.

"best stealth shipping in the business"

Trusted Since 1996

CHECK YOUR LOCAL LAWS REGARDING THE ACQUISITION OF LIVE SEEDS

HIGH TIMES LEGAL DIRECTORY

ARIZONA

Jamal Allen

Allen & Associates, Lawyers 1811 S. Alma School Rd, Ste 145 Mesa, AZ 85210 Ph: 480-899-1025 Fax: 480-248-6389 goodazlawyers.com All Stops, Arrests & Seizures

CALIFORNIA

Bob Bovd

107 W. Perkins Street, Ste #17 Ukiah, CA 95482 707-468-0500 mendocinolaw@comcast.net mendocinolaw.com

Michele Brooke

Brooke Law Group 420, APC 225 S. Lake Avenue, Suite 300 Pasadena, CA 91101 Practicing Marijuana Business Law (626) 375-6702 www.brookelawgroup.com

Omar Figueroa

Law Offices of Omar Figueroa 7770 Healdsburg Ave, Ste. A Sebastopol, CA 95472 (707) 829-0215 omar@stanfordalumni.org omarfigueroa.com Founder of Cannabis Law Institute. Specializing in cannabis cultivation and medical marijuana cases. Free case consultation. iYo hablo español!

Christopher M. Glew

1851 E. First Street, Ste. 840 Santa Ana, CA 92705 Fax: 714-648-0501 Phone: 714-648-0004 marijuanalawyer@yahoo.com glewkimlaw.com

Bruce M. Margolin

8749 Holloway Drive West Hollywood, CA 90069 310-652-0991 or 800-420-LAWS (5297) bmargolin@margolinlawoffice.com Marijuana & criminal defense since 1967. Director of L.A. NORML. The Margolin Guide,

download the app: 420 LAWS or call the office for a copy

Eric Shevin

NORML Legal Committee Lifetime Member 15260 Ventura Blvd., Ste 1400 Sherman Oaks, CA 91403 Phone: 818-784-2700 Fax: 818-784-2411 eshevin@gmail.com shevinlaw.com Cannabis expertise, criminal defense and business formation.

COLORADO

Sean T. McAllister, Esq.

McAllister Law Office, P.C. Criminal Defense/Dispensary Representation Offices in Denver & Summit County Ph: 720-722-0048 www.mcallisterlawoffice.com

FLORIDA

James Davis

Law Office of James Davis, P.A. 300 West Adams St, Ste 550 Jacksonville, Fl 32202 Office: 904.358.0420 Fax: 904.353.1359 Criminal defense focusing on drug cases.

A. Sam Jubran, Esquire

The Law Office of A. Sam Jubran, P.A. Board Certified Marital & Family Law 871 Cassat Avenue Jacksonville, FL 32205 (904) 360-6100 www.law4jax.com

Greg M. Lauer

Lauer & Currie, P.A. Board Certified Expert in Criminal Trial Law 644 SE 5th Ave. Ft. Lauderdale, FL 33301 (954) 559-0647 www.law-lc.com Offices in Broward, Dade, & WPB *Former Drug Trafficking Prosecutor *Free Initial Consultation

Donald A. Lykkebak

250 Park Ave South, Suite 200 Winter Park, FL 32789 Ph: 407-425-4044 Fax: 321-972-8907 don@donaldlykkebak.com donaldlykkebak.com "Board certified criminal trial lawyer with over 30 years' experience."

Porcaro Law Group

Peter J. Porcaro 1166 W. Newport Center Dr., Suite 309 Deerfield Beach, FL 33442 Office: (954) 422-8422 Fax: (954) 422-5455 Cell: (561) 450-9355 www.porcarolaw.com porcarolaw@yahoo.com Medical Marijuana, Criminal Defense & Personal Injury. Serving all of Florida with focus on South Florida

Robert Shafer & Associates, P.A. Robert Shafer

106 N. Pearl Street Jacksonville, FL 32202-4620 Tel: 904-350-9333 Fax: 904-633-7820 shafercriminallaw.com robert@shafercriminallaw.com Over 30 years focusing on drug charges.

ILLINOIS

Jeffrey B. Fawell

Fawell & Associates 500 S. Country Farm Rd, Ste 200 Wheaton, IL 60187 630-665-9300 fawell@fawell.com Criminal, DUI, traffic, and immigration defense.

INDIANA

Stephen W. Dillon

Dillon Law Office 3601 N. Pennsylvania St. Indianapolis, IN 46205 317-923-9391 steve@dillonlawindy.com stevedillonlaw.com Chair, NORML Board of Directors.

KANSAS

Justin A. Barrett

Barrett Law Firm, P.A. 280 N. Court Colby, KS 67701 Ph: (785) 460-0188 Fax: (785) 460-9817 ibarrett@st-tel.net

William (Billy) K. Rork

1321 SW Topeka Blvd. Topeka, KS 66612-1816 785-235-1650 rork@rorklaw.com rorklaw.com Zealous and successful drug defenses on I-70/I-35 vehicle stops.

MARYLAND

David E. Kindermann, Esq.

15 West Montgomery Ave, Suite 300 Rockville, MD 20850 Tel: 301-762-7900 - 24/7Fax: 301-309-0887 kindermannlaw.com dave@kindermannlaw.com Licensed in Maryland, D.C. and Federal Courts incl. U.S. Supreme Court.

MASSACHUSETTS

Norman S. Zalkind

Zalkind, Duncan & Bernstein 65A Atlantic Ave. Boston, MA 02110 Phone: 617-742-6020 Fax: 617-742-3269 nzalkind@zalkindlaw.com

MICHIGAN

Matthew R. Abel

Cannabis Counsel PLC 2930 Jefferson Avenue East Detroit, MI 48207 313-446-2235 attorneyabel@me.com cannabiscounsel.com Executive Director of MINORML. NORML Legal Committee Lifetime Member. Specializing in cannabis cases and cannabusiness law.

Jason Barrix

Attorney at Law Barrix Law Firm PC 2627 E. Beltline Ave SE, Suite 310B Grand Rapids, MI 49546-593 Call 24/7 Service 1-877-NO-4-Jail / 1-877-664-5245 Fax: 1-888-337-1308 barrixlaw.com Criminal Defense Focusing on Drug, DUI, License and Injury Cases. "Winning Cases Statewide since 1993"

Daniel Grow

Daniel Grow, PLLC 800 Ship Street, Suite 110 Saint Joseph, MI 49085 Office: (800) 971-8420 Fax: (269) 743-6117

Michael A. McInerney, Esq.

Michael A. McInerney, PLC 312 E. Fulton Grand Rapids, MI 49503 (616) 776-0200 (24 hrs) mamgrlaw@gmail.com Defending your rights! Medical Marijuana Issues Civil/Criminal Trial Attorney All Michigan Courts

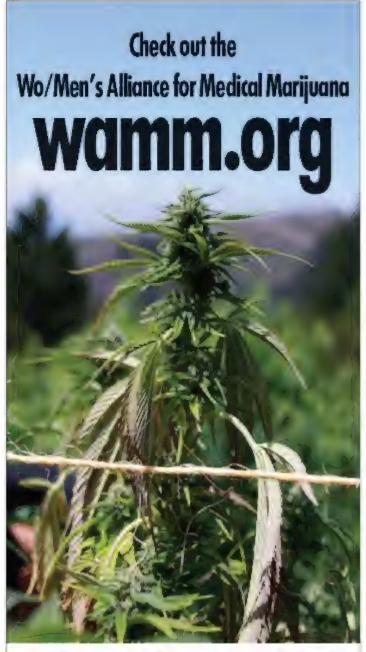
Barton W. Morris, Jr.

520 N. Main Street Royal Oak, MI 48067 (248) 541-2600 www.michigan-marijuanalawyer.com Award Winning Criminal Defense Super Lawyer and Certified Forensic Lawyer-Scientist. Lifetime NORML Legal Committee Member Specializing in Defending DUID and Marijuana Related Cases in Federal and State Courts

MISSOURI

K. Louis Caskey

1102 Grand Blvd, Suite 800 Kansas City, MO 64106 Phone: 816-221-9114 Cell Phone: 816-536-1411 Fax: 816-220-0757 klouie711@aol.com caskeyatlaw.com



- Often imitated, but never duplicated!
 - WAMM is California's first medical marijuana collective
 - Compassionate care within a supportive community
 - Accepting new members NOW!
 - Find WAMM on Facebook

Call **831.425.0580** for more into, or write at 309 Cedar St. #39, Santa Cruz, CA. 95060





HIGH TIMES LEGAL DIRECTORY

Daniel Dodson

315 Marshall Street

Jefferson City, MO 65101

573-636-9200 or

800-DODSON-1

dd@danieldodson.net

danieldodson.net

Board member, NACDL;

Nationwide advice/referrals.

Dan Viets

15 N. 10th St.
Columbia, MO 65201
573-443-6866
danviets@justice.com
Former president of MO Assoc.
of Criminal Defense Lawyers,
NORML Board Chair.

NEW HAMPSHIRE

Sven Wiberg

Wiberg Law Office 2456 Lafayette Road, Suite 7 Portsmouth, NH, 03801 Phone: 603-686-5454 Fax: 603-457-0332 sven@nhcriminaldefense.com

NEW JERSEY

Frank T. Luciano, P.C.

147 Main St, Suite #5
Lodi, NJ 07644
Phone: (973) 471-0004
Fax: (973) 471-1244
cdswiz.com
Lifetime member of NORML.
Over 30 years of defending
drug prosecutions. Free book
on drug cases in New Jersey

Neal Wiesner

Wiesner Law Firm
34 East 23rd Street, 6th FL
New York, NY 10010
Tel: 212-732-2225
Fax: 646-678-3532
wiesnerfirm.com
nwiesner@wiesnerfirm.com

NEW MEXICO

David C. Serna Serna Law Offices

725 Lomas Blvd. NW

Albuquerque, NM 87102 505-242-4057 sernalaw.com Board-certified criminaldefense specialist. NORML lawyer since 1985.

NEW YORK

Robert S. Gershon

Law Office of Robert S.
Gershon
142 Joralemon Street, Ste 5A
Brooklyn, NY 11201
718-625-3977
robertgershon.com
rg@robgershon.com
I help good people in bad
situations.

David C. Holland, Esq.

David C. Holland, P.C. 250 West 57 St., Suite 920 New York, NY 10016 212-935-4500 Licensed in NY, NJ & MD.

Neal Wiesner

Wiesner Law Firm
34 East 23rd Street, 6th FL
New York, NY 10010
Tel: 212-732-2225
Fax: 646-678-3532
wiesnerfirm.com
nwiesner@wiesnerfirm.com

оню

Spiros P. Cocoves

Law Offices of Spiros P.
Cocoves
610 Adams St., 2nd Flr
Toledo, OH 43604-1423
419-241-5506
Fax: 419-242-3442
scocoves@gmail.com
Federal/State Criminal
Defense, OH/MI

OKLAHOMA

M. Michael Arnett

Arnett Law Firm 3133 N.W. 63rd Street Oklahoma City, OK 73116 Tel: (405) 767-0522 Fax: (405) 767-0529 mikearnett1@juno.com

Chad Moody

200 N Harvey Street, Ste. 110
Oklahoma City, ok 73102
Phone: 405-231-4343
Fax: 405 231-0233
thedruglawyer@
thedruglawyer.com
When a Conviction is Not an
Option

OREGON

Joshua C. Gibbs

Reynolds Defense Firm
1512 SW 18th Avenue
Portland, OR 97201
josh@KindLegalDefense.com
www.reynoldsdefensefirm.com
Ph: 541-224-8255
"We represent Kind people"

John C. Lucy IV

2121 SW Broadway, Suite 130
Portland, OR 97201
Phone: 503-227-6000
Other Phone: 919-720-2513
john@law420.com
law420.com
"Medical Marijuana and Drug
Crime Defense Throughout
Oregon"

PENNSYLVANIA

Simon T. Grill

525 Elm Street Reading, PA 19601 888-333-6016 STG1300@epix.net Marijuana defense.

SOUTH CAROLINA

Robert E. Ianuario,

M.B.A., J.D.

Attorney & Counselor 1629 East North St. Greenville, SC 29607 Tel (864) 255-9988 Fax (866) 212-3249 sc420attorney.com Member of Norml Legal Committee, Member of National College for DUI Defense

W. Benjamin McClain, Jr.,

Attorney at Law

1306 E. Washington Street Greenville, S.C. 29607-1840 Phone: (864) 271-9097, (864) 271-9098 Fax: (864) 271-9099 Email: mcclainwb@gmail.com Member of NORML Legal Committee

Toll free: 866.351.1900 Fax:214.969.0258 dallasjustice.com Board certified in criminal

law by the Texas board of legal

specialization Larry Sauer

214.526.1900

Law Offices of Larry Sauer 1004 West Ave Austin, TX 78701 512-479-5017 austindruglawyer.com Criminal defense.

TEXAS

Jamie "The Dude" Balagia

Offices in Austin and
San Antonio, TX
Board Member-San Antonio
NORML. NORML Legal
Committee. Former "VICE
Cop"-Austin PD State and
Federal representation.
420dude.com
jamie@420dude.com
San Antonio: 210-394-3833
Austin: 512-278-0935

Blackburn & Brown L.L.P.

718 W 16th St.

Amarillo, TX 79101

Phone: 806-371-8333

Fax: 806-350-7716

BlackburnBrownLaw.com
ryan@ipoftexas.org

blackburn@ipoftexas.org

Greg Gladden

3017 Houston Ave. Houston, TX 77009-6734 713-880-0333 gladden@airmail.net

Gerald Goldstein

2900 Tower Life Bldg. San Antonio, TX 78205 210-226-1463 GGandH@aol.com

Michael C. Lowe

Attorney At Law 700 N Pearl Street, Ste 2170 Dallas, Texas 75201

WASHINGTON

Jeff Steinborn

P.O. Box 78361 Seattle, WA 98178 Tel: 206-622-5117 Fax:206-622-3848

Pat Stiley

Stiley & Cikutovich
1403 W. Broadway
Spokane, WA 99201
888-440-9001
fudea@earthlink.net
legaljoint.net
If you grew it, we will come.

WASHINGTON D.C.

David E. Kindermann, Esq.

15 W. Montgomery Ave,
Ste. 300
Rockville, MD 20850
Tel: 301-762-7900 — 24/7
Fax: 301-309-0887
kindermannlaw.com
dave@kindermannlaw.com
Licensed in D.C., Maryland
and Federal Courts incl. U.S
Supreme Court.

WISCONSIN

Mark D. Richards S.C.

209 8th Street
Racine, WI 53403
262-632-2200
richardslaw@ameritech.net
richardslawl.com
Aggressive drug defense.

BAKU





1st Place Best Edible

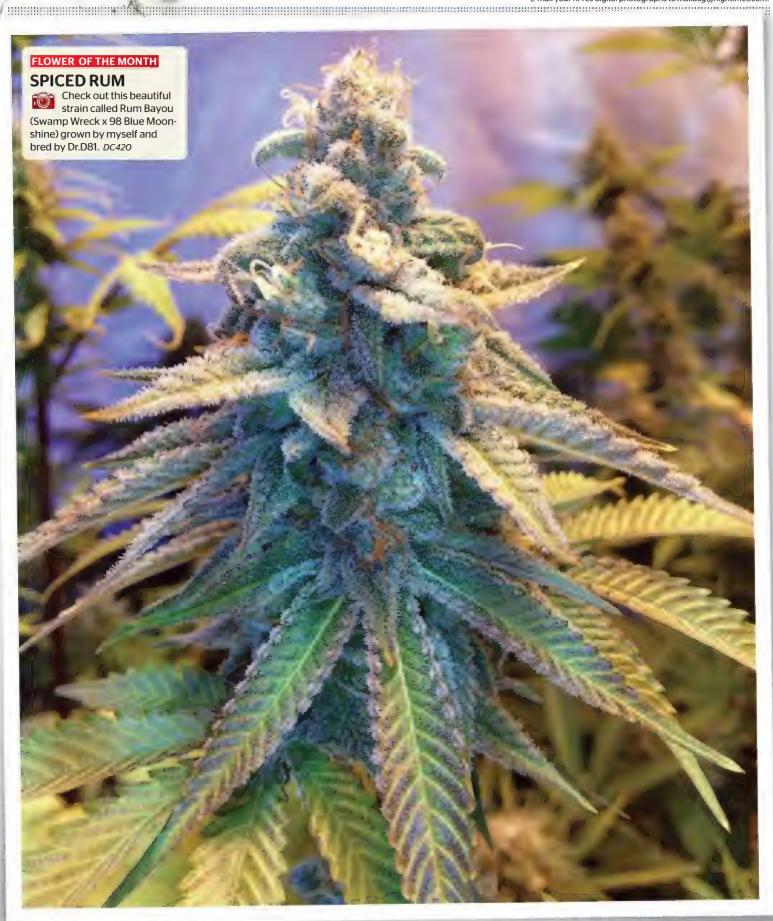




Pot Shots

Show us what you got!

 $\hbox{E-mail your hi-res digital photographs to $\textit{mailbag@hightimes.com}$.}$





146 Pix of the Crop

GROW OF THE MONTH

GROW BIG OR GO HOME

I'm a former blueberry farmer from Georgia. This was my first year cultivating marijuana and your mag is Ryan Mattocks and I'm loving South Oregon! Thank you Canut Systems! RM





CLOSE-UP OF THE MONTH

TRICHOME FOREST

Hello beautiful people of High Times! Here's a photo I took over this past Croptober season. Hope you enjoy these flowers as much as I have! @fillyoureyes

I am in the fashion industry as well as the marijuana industry. The strain is Headband. @stephcurtis



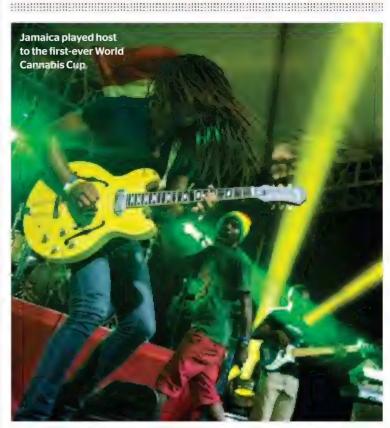






April 2016

HIGHTIMES



Jammin' in Jamaica!

Earlier this year, the Jamaican government finally amended the country's Dangerous Drugs Act to recognize the religious rights of Rastafarians to use ganja, and also decriminalized the possession of up to two ounces of marijuana by adults, including tourists. Naturally, *High Times* wanted to celebrate this historic occasion, so in November we sponsored the first-ever World Cannabis Cup, hosted by the Rastafari Rootzfest in Negril, where industry leaders from both countries came together to get Jamaica's new cannabis economy off the ground.

The Future of Breeding

European cannabis correspondent Green Born Identity (GBI) reports on the latest advances in selective marijuana breeding, which allows cultivators to develop pot plants with optimized traits for medical and recreational use.

▶ The Discovery of Pot

How did the earliest humans first figure out that the cannabis plant could get them high? Contributor Rick Thompson takes a paleontological look at how our ancestors embraced and advanced marijuana agriculture.

Cannabis & Harm Reduction

The days when pot got lumped in with hard drugs, tobacco and alcohol are over. Now, medical researchers are discovering that cannabis can actually help *end* dangerous addictions. Contributor Sophie St. Thomas uncovers the new medical applications being developed for our favorite plant.



PATIENTS IN THE CROSSFIRE

Casualties in the War on Medical Marijuana



Only \$5 from AMERICANS FOR SAFE ACCESS

1-888-929-4367

www.SafeAccessNow.org

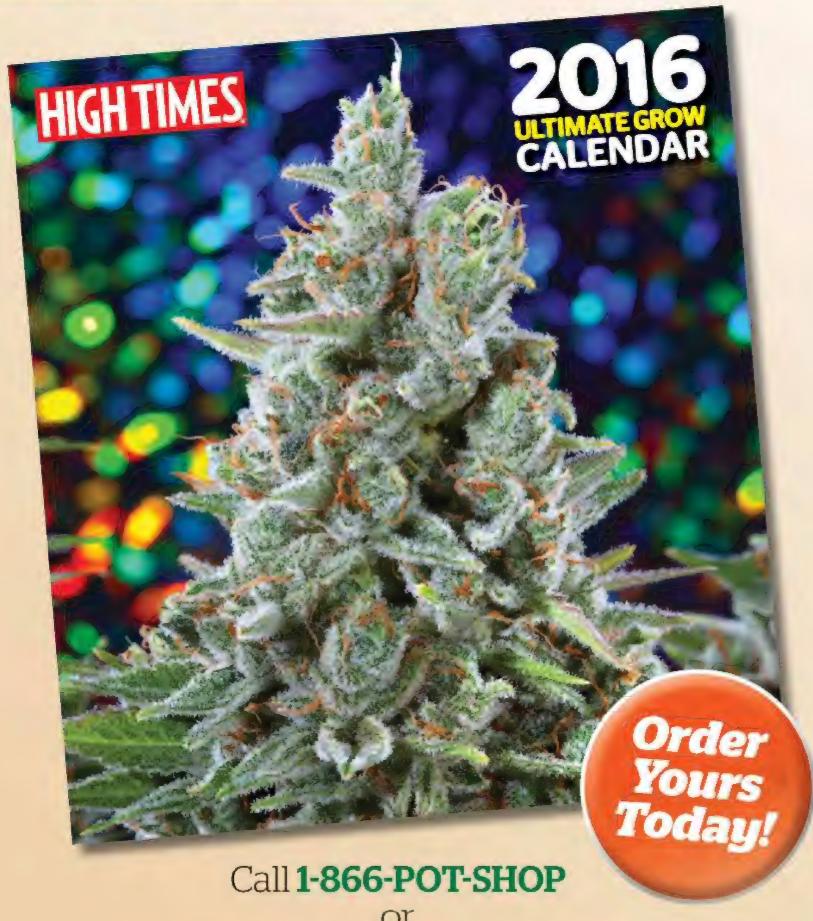
patientscrossfire@yahoo.com 1700 Shattuck #317, Berkeley, CA 94704

"powerful and compelling.... Every person who has worked for the passage of a medical marijuana law should have this book."

> Eric E. Sterling, The Criminal Justice Policy Foundation

START YOUR OWN GARDEN IN 2016!

It's easy with the Ultimate Grow Calendar! Keeping you on schedule, from seeds to a healthy harvest.



or

Order online at headshop.hightimes.com



No Cannabis Induced Deaths
-A Safer Alternative



Raise Significant Tax Revenue



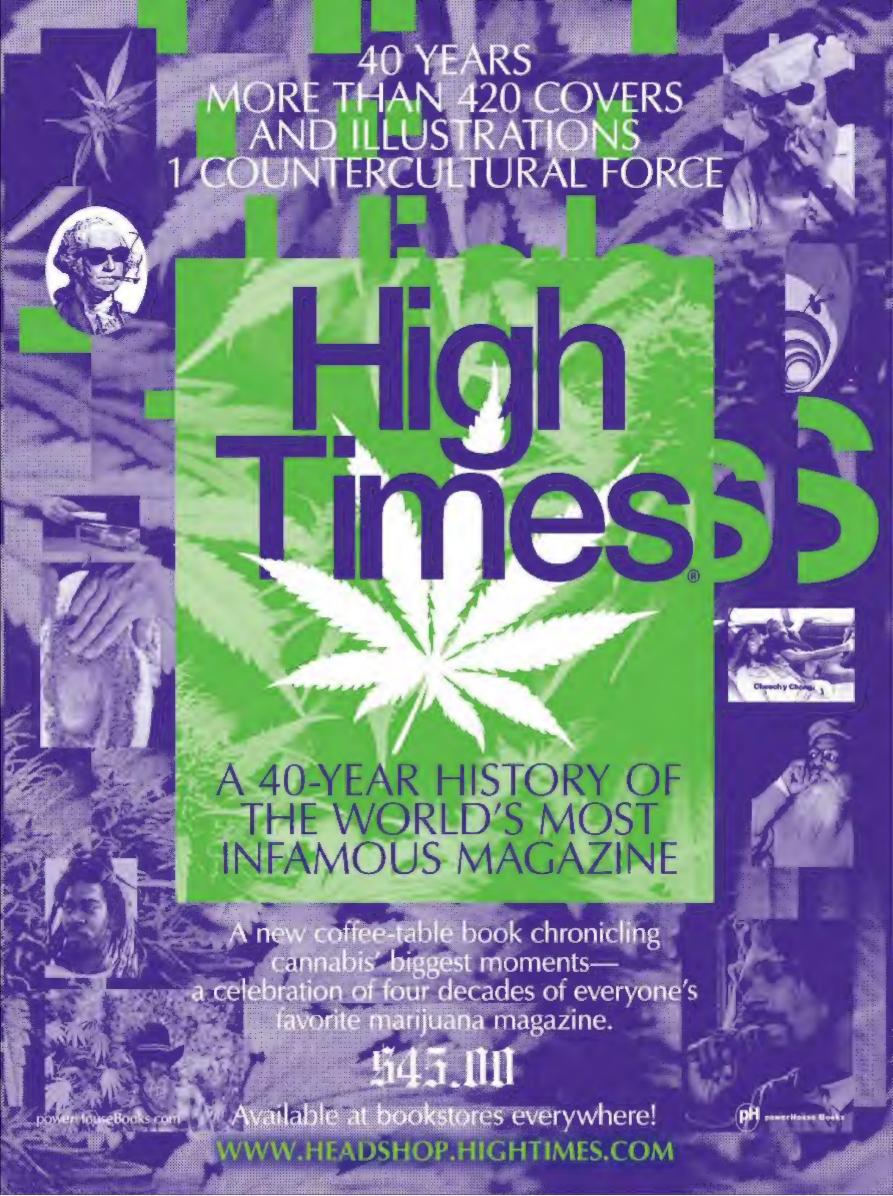
Regulated Systems
Will Restrict Youth Access

Let's be HONEST, It's Time to Tax & Regulate Marijuana www.norml.org/join

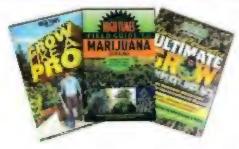








Featured Products



HIGH TIMES Cultivation Editors' Combo Pack

Set includes *Jorge Cervantes' Ultimate Grow Box Set, Nico Escondido's Grow Like a Pro*, and Danny Danko's *Field Guide to Marijuana Strains*. An \$85 value for only **\$69.99!**



HIGH TIMES Presents Nico Escondido's Grow Like a Pro DVD

Featuring over two hours of comprehensive cultivation coverage and bonus material, this *HD*-film features footage of America's top medical grow facilities, indoor and outdoorgrowing and greenhouse techniques. **\$19.95**



Official HIGH TIMES Bonghitters Jersey

Show your pot pride by sporting the same shirts worn by the legendary High Times Bonghitters Softball team. Sizes: S-XXL. \$19.95





Ready Set Grow 1 & 2 DVD Set

The ONLY DVDs you NEED to grow great WEED! \$34.99







Back Issues of HIGH TIMES

Lots of issues available! HIGH TIMES: **\$5.99**; Best Of HIGH TIMES: **\$6.99**; HIGH TIMES: Medical Marijuana: **\$5.99**

Classics from master grower Jorge Cervantes



Ultimate Grow DVD Complete Box Set

Three-disc DVD box set includes Ultimate Grow: Indoor Marijuana Horticulture, and Ultimate Grow 2: Hydroponic Cannabis Indoors & Organic Marijuana Outdoors, Plus a full disc of bonus features! \$49.95



Marijuana Horticulture

The Fifth Edition of Jorge Cervantes' best-selling book, completely rewritten, updated and expanded! \$29.95



Marijuana Grow Basics

This informative guide is packed with illustrations and photos of more than 150 affordable marijuana grow setups. \$21.95

High Times Books



The Official HIGH TIMES Field Guide to Marijuana Strains By Danny Danko

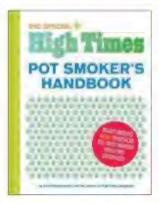
This cannabis compendium covers the world's top pot varieties—all meticulously researched and lovingly described in terms ranging from odors and flavors to potency levels and medicinal properties. \$14.95



The Official HIGH TIMES Cannabis Cookbook by Elise McDonough

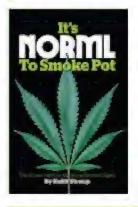
Go way beyond the brownie and master your munchies with over 50 recipes for stoner cuisine that will get you high—including recipes inspired by Cheech and Chong, Snoop Dogg and Willie Nelson .

\$19.95



The Official HIGH TIMES Pot Smoker's Handbook by David Bienenstock

This handbook rolls up all of our collected wisdom into one indispensable ganja guide. With a life-changing list of 420 things to do when you're stoned, this is truly the ultimate guide to green living. \$19.95



It's NORML To Smoke Pot: The 40-Year Fight For Marijuana Smokers' Rights By Keith Stroup

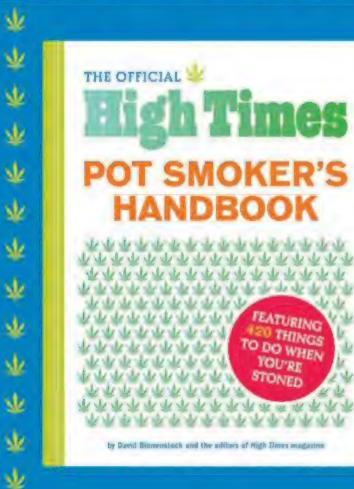
The story of NORML, the oldest and most effective organization dedicated to the reform of marijuana laws, told by its founder and leader. If you believe in the principle of civil liberties, then Keith Stroup is a true American hero. \$14.99



The Official HIGH TIMES Pot Smoker's Activity Book by Natasha Lewin

Smoke, play, laugh and learn all at the same time! Packed with puzzles, games, mazes, and jokes. It's what to do when you're stoned! \$16.95





THE OFFICIAL High Times POT SMOKER'S HANDBOOK

FEATURING 420 THINGS TO DO WHEN YOU'RE STONED By David Bienenstock and the editors of High Times magazine

Learn how to roll the perfect joint

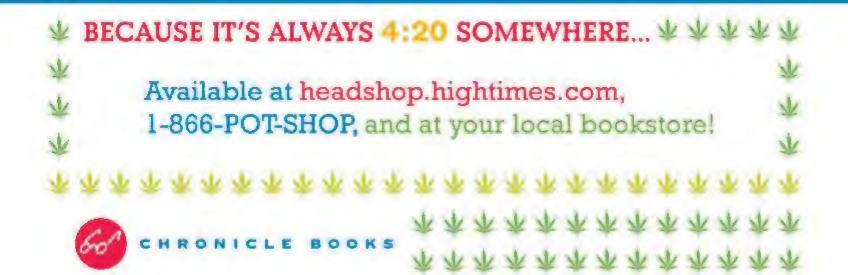
Make the most potent pot brownies

Smoke-proof a dorm room

Order off an Amsterdam coffeeshop menu

Improve your jay-dar

And much, much more!





HIGHTIMES

COVER TO COVER

EVERY SSUE We've ever published — Online now!



TRY A FREE ISSUE



C2C.HIGHTIMES.COM

For the first time get exclusive online access to every issue of High Times® ever published—all 40 years. That's more than 60,000 pages loaded with all of the 420 you can handle!

Updated with each new issue, High Times® Cover to Cover includes over 400 issues and is the definitive reference destination for marijuana enthusiasts, pro growers and everyone following the legalization updates.

Use the powerful search tool to quickly find and sort thousands of articles, reviews and do it yourself methods to grow like a pro.

Subscribe now and get every Cannabis Cup® rundown, Stash Award list and articles from special contributors including Charles Bukowski, William S. Burroughs, Truman Capote, Hunter S. Thompson and Andy Warhol.









WHAT TO DO WHEN YOU'RE STONED!



SAY GOODBYE TO COUCHLOCK. NOW YOU CAN SMOKE, PLAY, LAUGH AND LEARN, ALL AT THE SAME TIME!



AVAILABLE AT HEADSHOP HIGHTIMES COM, 1-866-POT-SHOP,
AND AT YOUR LOCAL BOOKSTORE!

choolBA



INDICA

INDICA

Hindu Kush

INDICA

INDICA

AfPak

INDICA

INDICA

BubbleGum Indica

King

Chemo (UBC)

Early Purple Kush

Breeders Association

North America Toll Free:1-855-425-3437

International: 00+1+604-357-4793

\$150

/ \$50

/ 555

580

\$150

10 FREE Seeds On All \$100+ Orders

INDICA -SATIVA / \$100

Purple Crown

OG X Thai

INDICA -SATIVA 🖊 \$80

INDICA -SATIVA /\$100

Grand Daddy Purple

SATIVA-INDICA S150

Col Kurtz Kush

SATIVA-INDICA \$100

Diesel-NEW

SATIVA-INDICA \$100

Diesel X Tuna

High CBD

High CBD

Jack H +CBD

Pineapple Express +CBD

NEW Arrivals! Tuna Kush & Hybrids Diesel x Tuna.... \$ 100 Diesel NEW \$ 100

New G13 x alpha dog . . . \$ 100

SATIVA-INDICA 550

Cambodian Haze

NH #21 X Oaxacan

Willie Nelson X Diesel

Double Skunk X Skunk

\$100

\$100

\$125

\$125

C99 x Tuna \$ 100 Zen x Tuna \$ 100

Tuna \$ 100

Sativa

SATIVA

SATIVA

GENUINE Reeferman Genetics™



C99 X Tuna BELOW: Actual Grower Submitted Photos



Zen Hash Plant X Tuna











SEEDS SALES

MARIJUANA















Medicinal Cannabis Seeds

100+ Strains In Stock, Delivery Guaranteed

NEW HIGH CBD STRAINS
Jack H \$ 125
Pineapple Express \$ 125
rificappie Express \$ 125
Kings Crown \$ 100.
Kings Crown x Thai \$ 80.
Neville's Haze 21 x Kings Ransom \$ 225.
Kush Sicle AKA Resin Factory \$ 80.
Malawi Gold x Thai, \$ 150.
Master Kush \$ 80.
Master Kush. x Trainwreck \$ 80.
\$100 Master Kush \$ 100
Afghani Pakistani Hash Plant \$ 80
Afpak: Afghani Pakistani Hash Plant x Skunk \$ 80
Black Tuna \$ 100
Bubba Rock x C99 \$ 80
Bubba x Skunk \$ 80
Bubblegum Indica \$ 65
Cambodian Haze \$ 80
Northern Lights x Skunk \$ call.
OG X Neville's Haze 21 \$ 225
Pink Kush \$ 125
Pineapple \$ call
Purple Crown \$ 100.
RMG Triple Crown Collection AAA \$ 300.
RMG cherry Bomb \$ 90.
Silverback Gorilla \$ 80.
Victory autoflower Industrial Hemp \$ 33.
Chemo UBC cut fem \$ 80.
Col K. Kush \$ 150.
Early Appalachian \$ 80.
Freezeland Cross \$ 50.

chively addidition
Madagasgar x Trainwreck \$ 85.
OG Kush x Trainwreck \$ 85.
Orange Haze x Trainwreck \$ 85.
Pink x Trainwreck \$ 85.
Pineapple x Trainwreck \$ 85.
Polecat x Trainwreck \$ 85.
Rockstar x Trainwreck \$ 85.
Love Potion x Chemo \$ 50.
Maple x Chemo \$50.
Orange Haze x Chemo \$ 50.
Sour Diesel x Chemo \$ 50.
OG X Thai \$ 80.
Love Potion #2 X Nevilles Haze 21
Sour Diesal X C99 \$ 70.
Orange Haze x C99 \$ 50.
Harmony x Nevilles Haze 21 \$ 22
BC Mango x nevil's Haze 21 \$ 225
Chemo \$ 55.
Rockstar \$ 55.
Sour Diesel \$ 60.
Double Skunk x Skunk \$ 60.
Island Sweet Skunk x Skunk \$ 80
OG Kush x Nevils Haze 21 \$ 225.
1 P -1 A

Northern Lights x Skunk \$ call.	Island Sweet Skunk x Skunk \$ 80.	Zen HP X Diesi
OG X Neville's Haze 21 \$ 225	OG Kush x Nevils Haze 21 \$ 225.	O. Haze x Dies
Pink Kush \$ 125	Love Potion next gen \$ 70.	Purple Diesel
Pineapple \$ call	Maple Kush \$ 70.	Deadhead Kus
Purple Crown \$ 100.	Moosejaw Madness \$ 70.	Cinderella 99.
RMG Triple Crown Collection AAA \$ 300.	Blackberry Kush \$ 70.	Black Willie
RMG cherry Bomb \$ 90.	Kings Ransom \$ 70.	1
Silverback Gorilla \$ 80.	Zen Hash Plant \$ 100.	NH21 x Early N
Victory autoflower Industrial Hemp \$ 33.	Love Potion (Next Gen) \$ 75.	Harmony x Tha
Chemo UBC cut fem \$ 80.		Malawi Gold >
Col K. Kush \$ 150.	Big Bud x Cinderella 99 \$80.	King \$ 15
Early Appalachian \$ 80.	Afpak x Skunk \$ 80.	Early Purple Ku
Freezeland Cross, \$ 50.	Regular Afpak \$ 80.	Mullumbimby
G13 Alphadog \$ 80.	Bubba Rock Kush \$ 80.	Neville's Haze
G13: Greenhouse 13 x Skunk \$ 80.	Bubble Gum Indica \$ 80.	MM x Neville's
Harmony x Thai \$ 70.	Pollkat - Autoflowering \$ 80.	Neville's Haze
Hiindu Kush \$ 50	Bubba x Skunk \$ 80.	Neville's Haze
Hippie Crippler \$ 80.	King x Nevils Haze 21 \$ 225.	Taz - Thai x Ha
	D ORDER FORM In North America	Toll From
AMBERTANISM SEED MANT	D OHDER I OHH IN MOILI AMERICA	TAULITICS.

l.	
Sour Diesel x Skunk \$ 90.	Sec. Sec.
Kodiak \$100.	
1	MARKET STATE
Harlequin \$125.	Carried States
Charlottes Web \$150.	32 344
Harmony \$60.	
Pig OG \$100.	Trials Conver Considerate
Bubba Rock \$100.	Triple Crown Specimen
Grand Daddy Purple \$100.	
Cherry Bomb x Skunk \$100.	JA.



Original Haze

\$ 225,G13 Chem Dog \$100. Rockstar x Diesel \$100. Afpak x Diesel \$100. Pink OG \$100.

Golden Temple Kush \$100. Mowie Gold x Skunk \$100. Thai x Skunk \$100. Tuna Kush \$100.

Moosejaw Madness x Diesel \$100.

Monster Chronic x Mk \$100. Bubba Kush x Diesel \$100. Bubba Rockstar x OG \$100. Alpha Dog \$100. Willie Nelson x Diesel \$100. Zen HP X Diesel \$100. O. Haze x Diesel \$100.

Purple Diesel \$100. Tuna Kush Budder Deadhead Kush winner 2013 Kush Cup., \$100.

Cinderella 99 \$ 125. Black Willie \$ 125.

NH21 x Early MM \$ 150. Harmony x Thai \$ 150. Malawi Gold x Thai ..., \$ 150. King \$ 150.

Early Purple Kush \$ 150.

Neville's Haze 21 x Oaxacan \$ 225. MM x Neville's Haze 21 \$ 225. Neville's Haze 23 x SK MM \$ 225. Neville's Haze x Early MM \$ 225. Taz - Thai x Haze 21 \$ 225

E.P.K. Extract Mullumbimby Madness x Neville's Haze 21 ... \$ 225.

Email: info@oldschoolBA.com

for LOTS MORE visit our website, send us an email or give us a call!

Cut Order Form BELOW Dotted Line

1-855-425-3437

Outside North America Call: 00+1+604-357-4793

Cut Order Form BELOW Dotted Line

We accept ALL competitors valid coupons and we will match ALL valid competitors offers Number of Reg/ Total Price Product Packs (Price X QTY) Fem.

Use this order form. For larger orders, please print clearly and indicate the following on a sheet of paper. -name(s) -sex (reg or fem.) -quantity -shipping rate -order total

end with BLANK Money Order or Cash for
e total amount to:
O.S.B.A
PO BOX 21648
Vancouver, BC
Canada V5L 3X0

Ship To:		Sub-Total
Address:		Reg. S&H (\$11.00)
		Promo Code Discount
City: Region/State:	Denina / Gista	Express \$30/Overnight \$75
	TOTAL \$ Enclosed:	
Zip/Postał:	Country:	*FREE Seeds with CASH Orders!

Credit Card, Please Phone. A 5% Processing Charge Will Be Applied.

If ordering by

